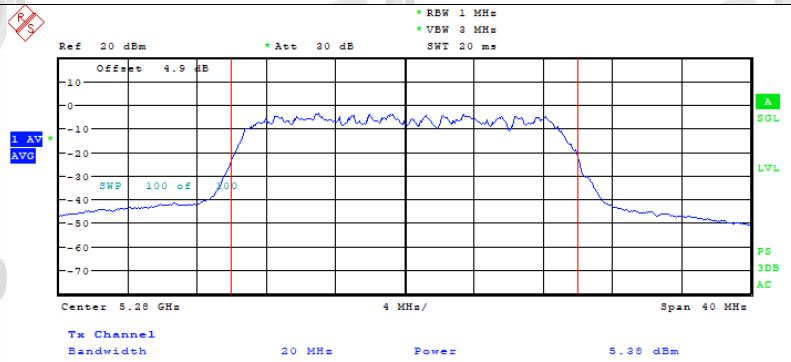
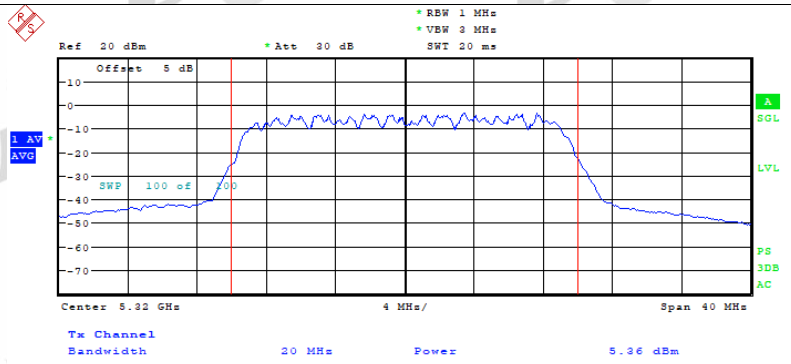
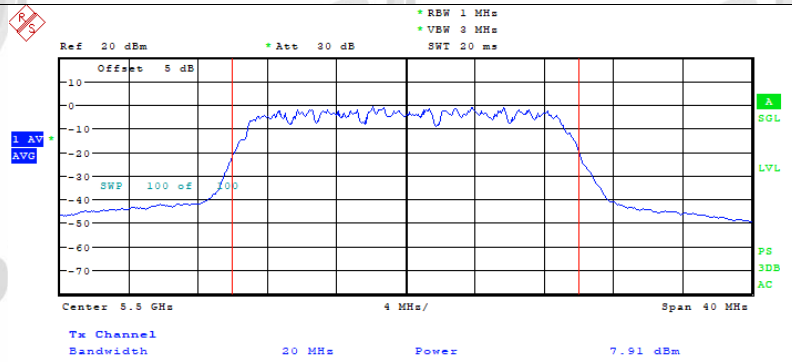


Power NVNT ac20 5320MHz Ant1

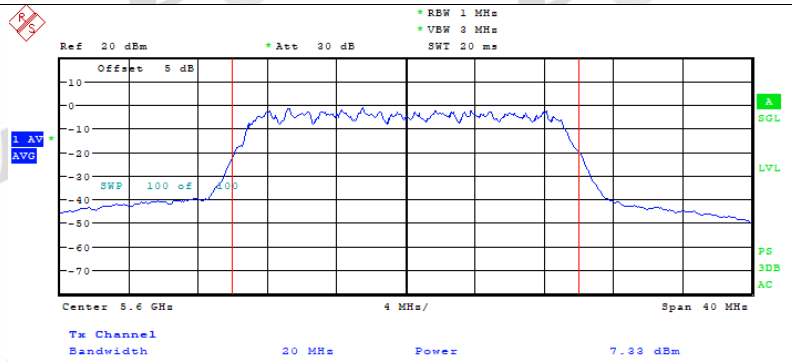


Power NVNT ac20 5500MHz Ant1



Date: 17.AUG.2022 19:03:44

Power NVNT ac20 5600MHz Ant1



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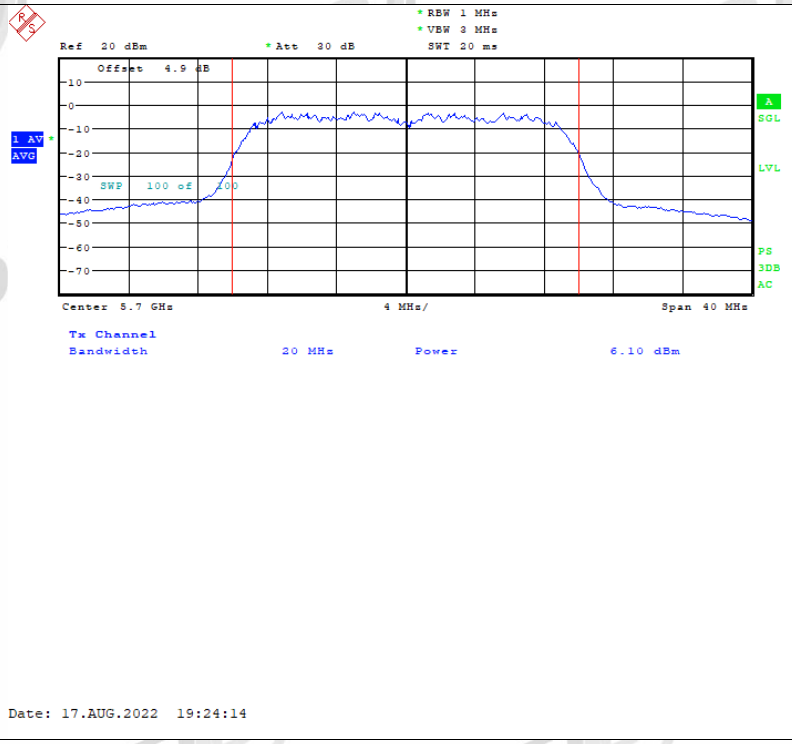
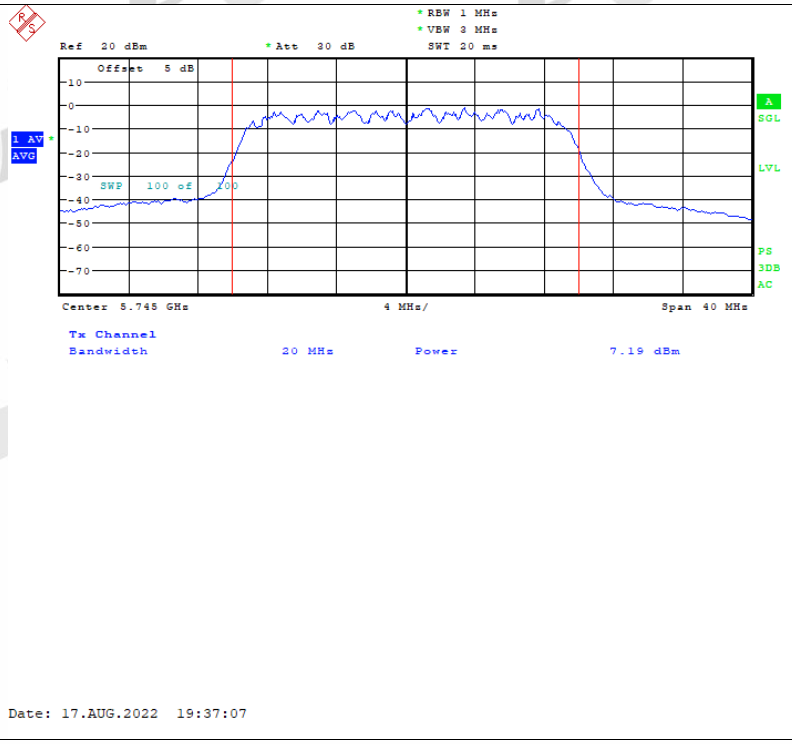
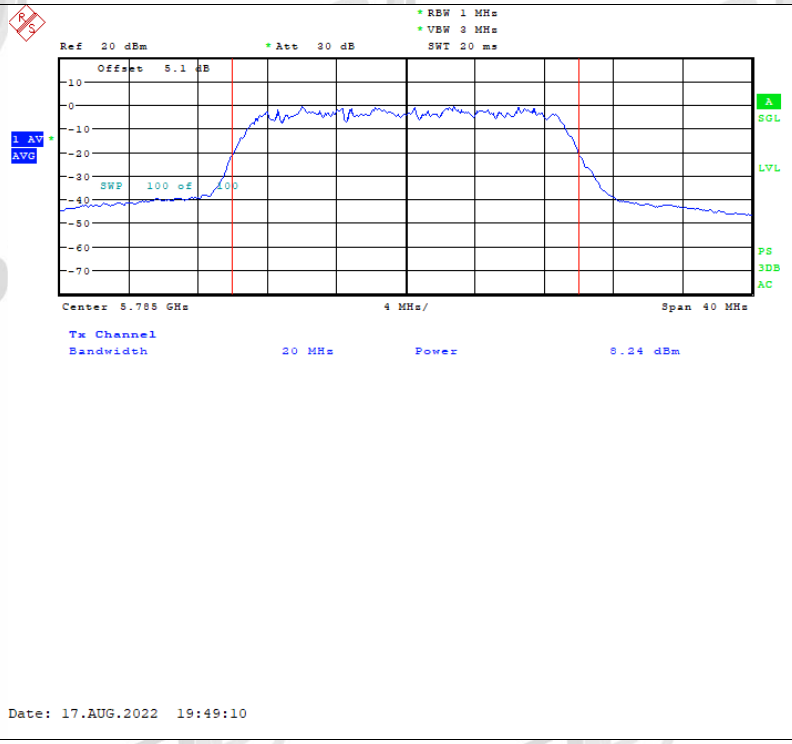
Power NVNT ac20 5700MHz Ant1



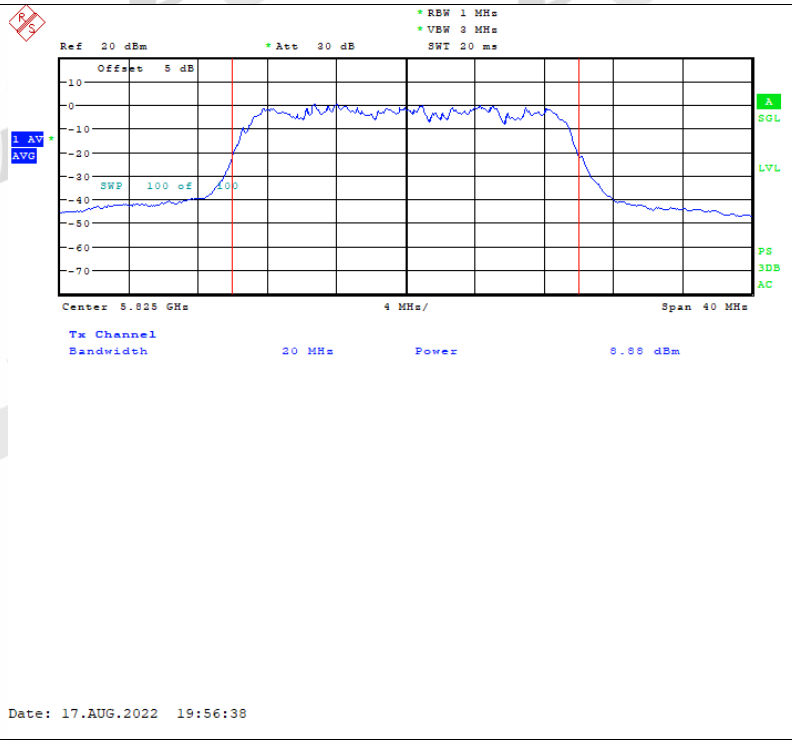
Power NVNT ac20 5745MHz Ant1



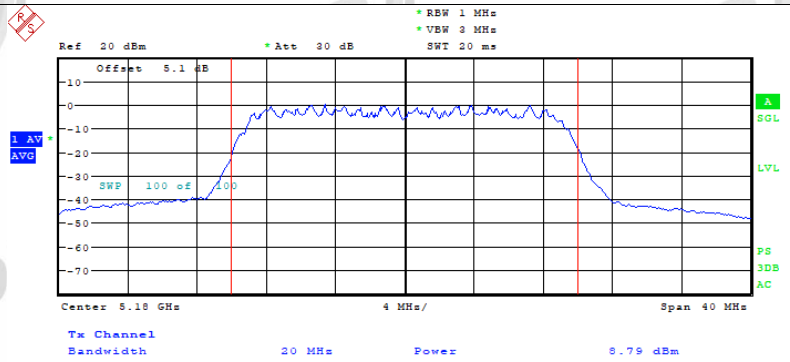
Power NVNT ac20 5785MHz Ant1



Power NVNT ac20 5825MHz Ant1

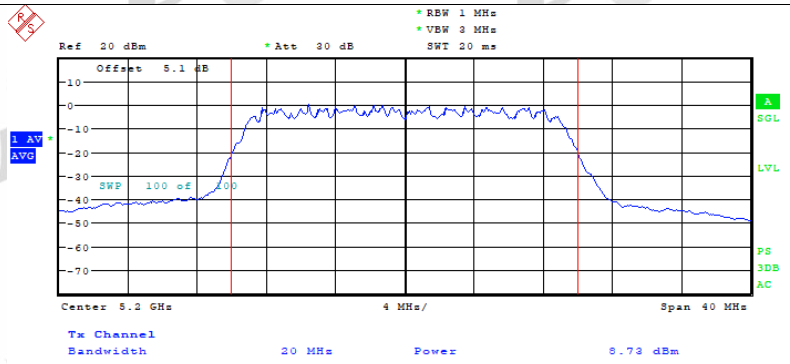


Power NVNT ac20 5180MHz Ant2



Date: 17.AUG.2022 18:16:14

Power NVNT ac20 5200MHz Ant2



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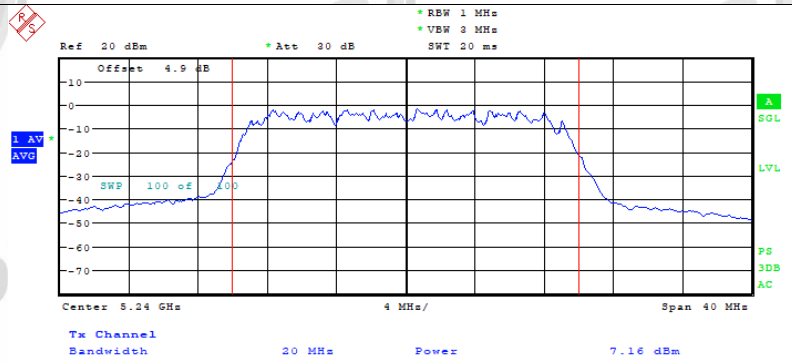
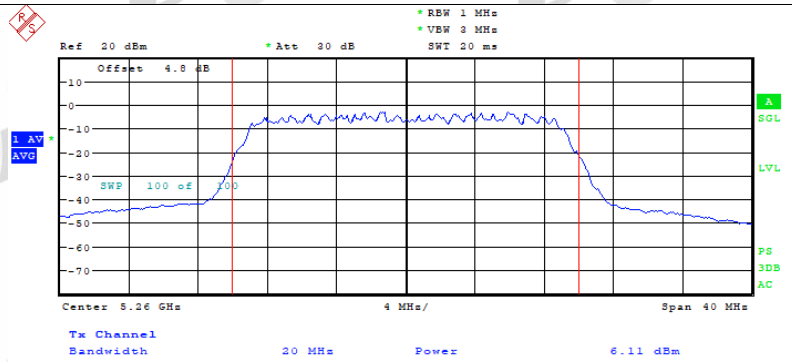
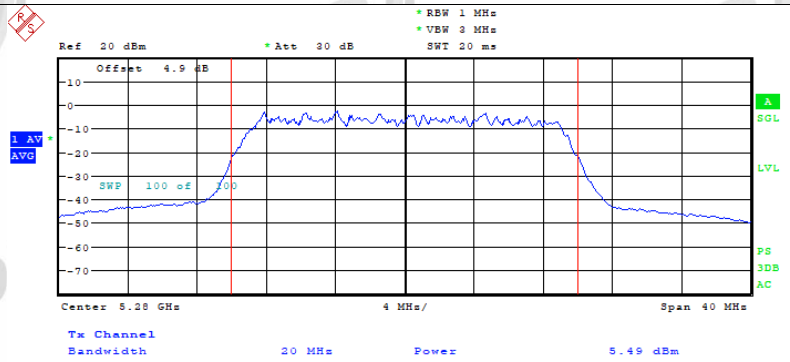
Power NVNT ac20 5240MHz Ant2



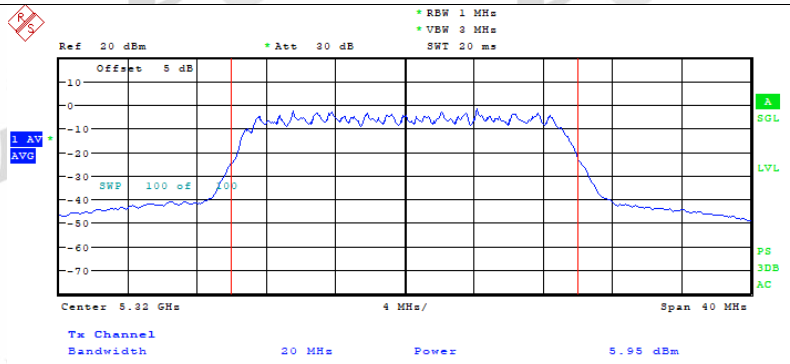
Power NVNT ac20 5260MHz Ant2



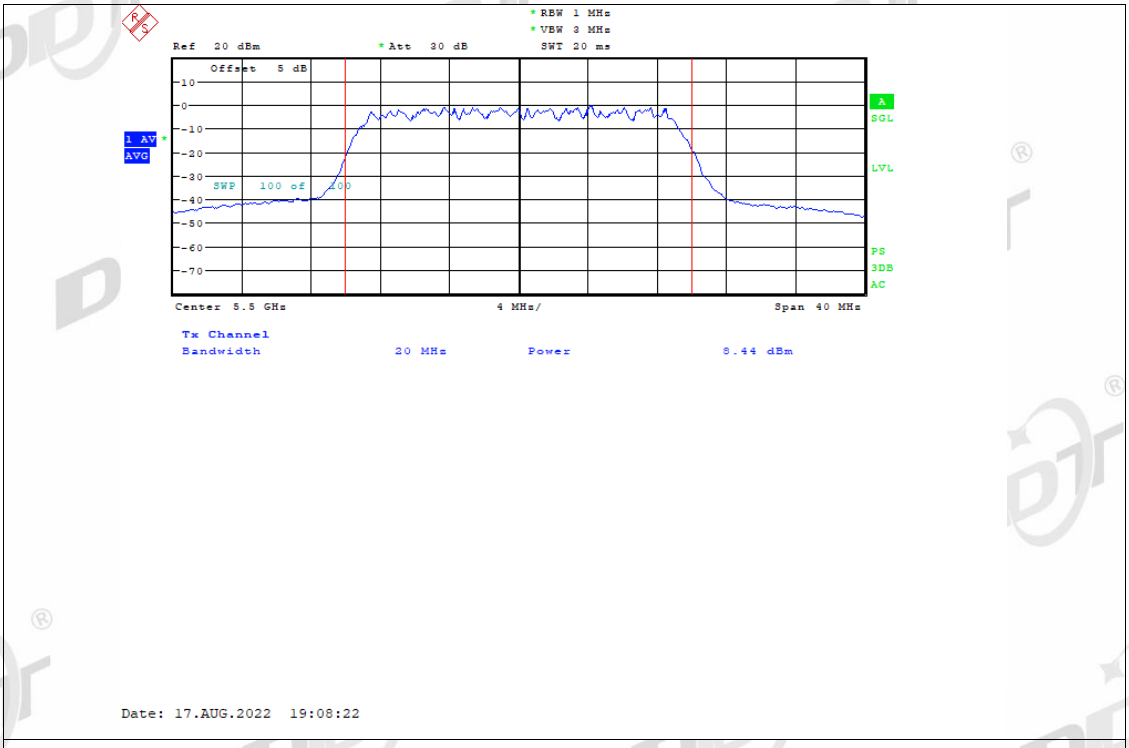
Power NVNT ac20 5280MHz Ant2



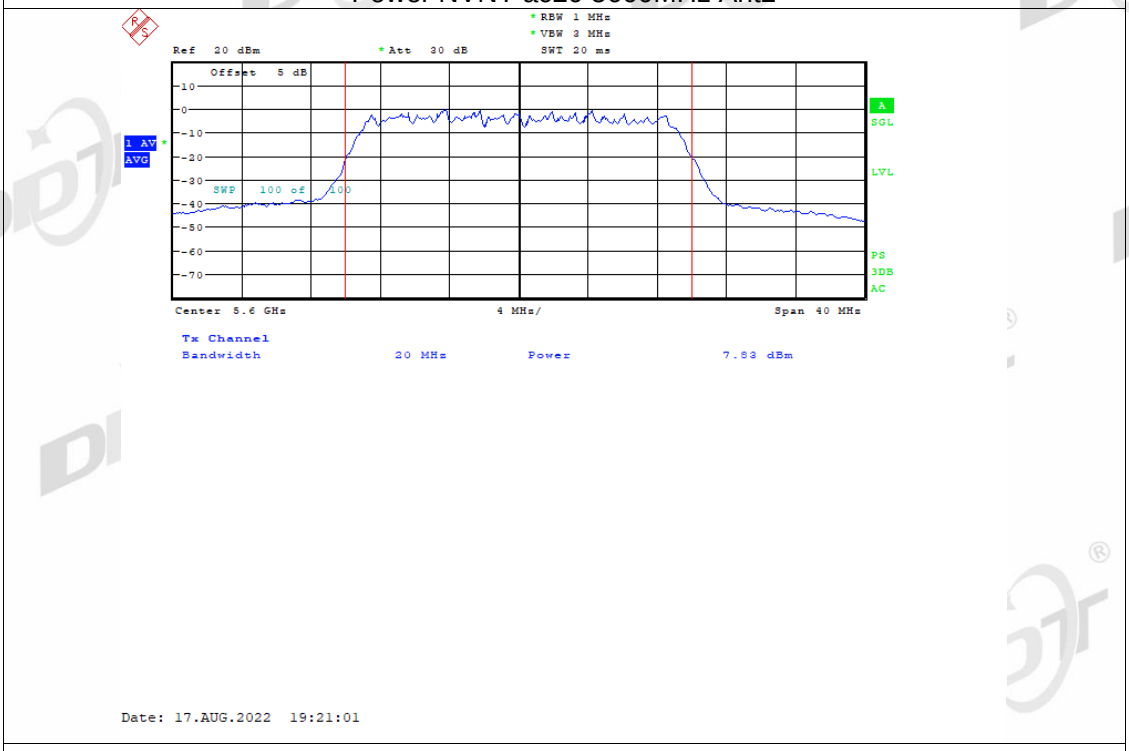
Power NVNT ac20 5320MHz Ant2



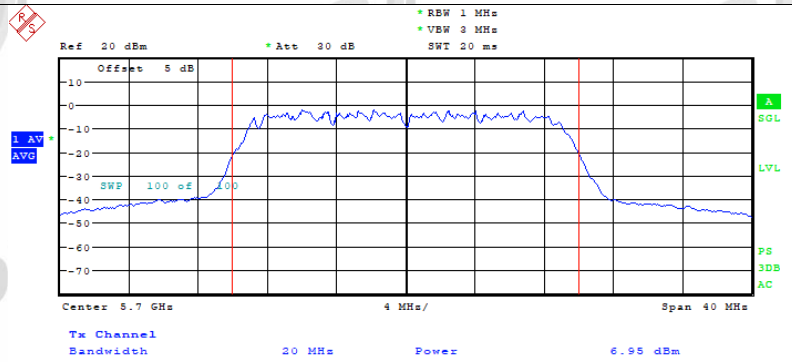
Power NVNT ac20 5500MHz Ant2



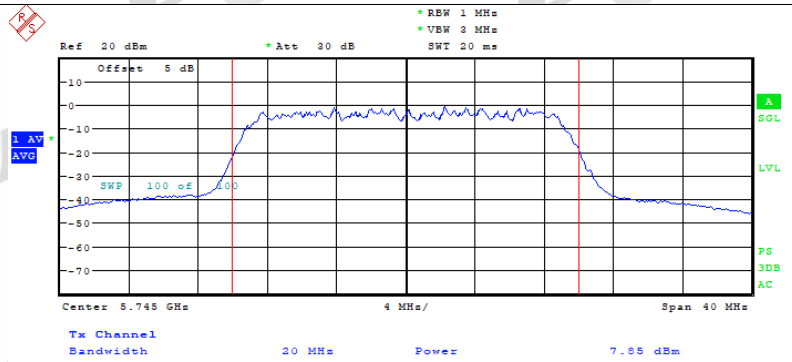
Power NVNT ac20 5600MHz Ant2



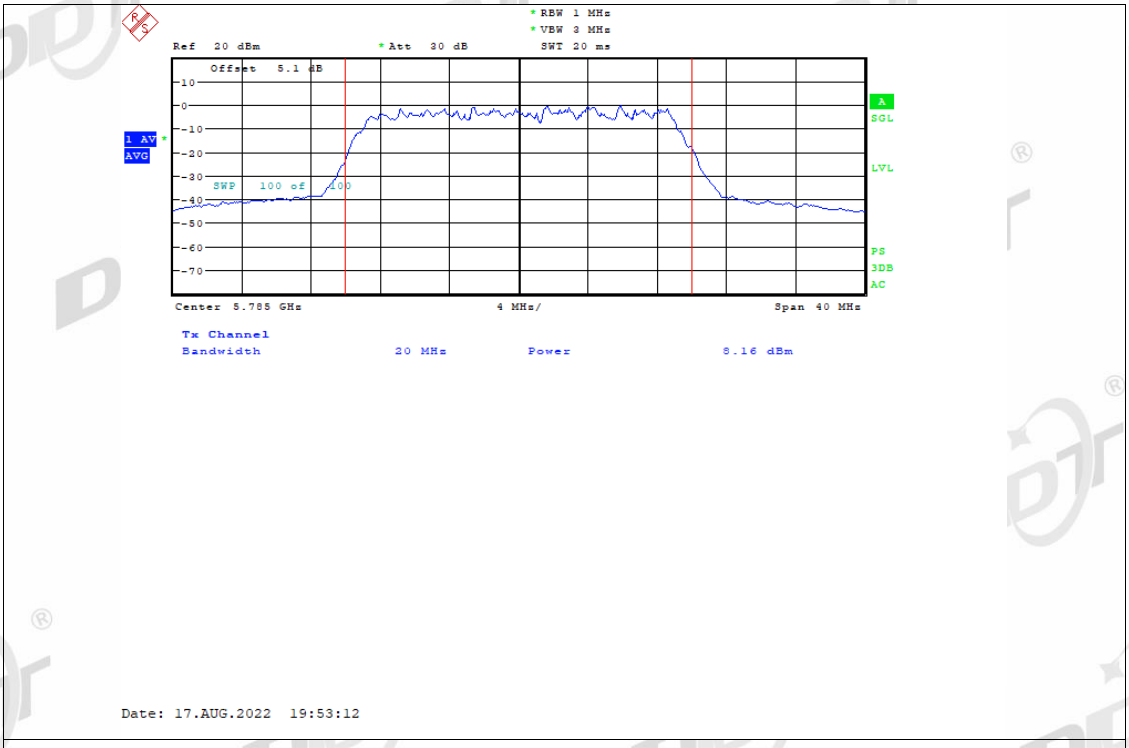
Power NVNT ac20 5700MHz Ant2



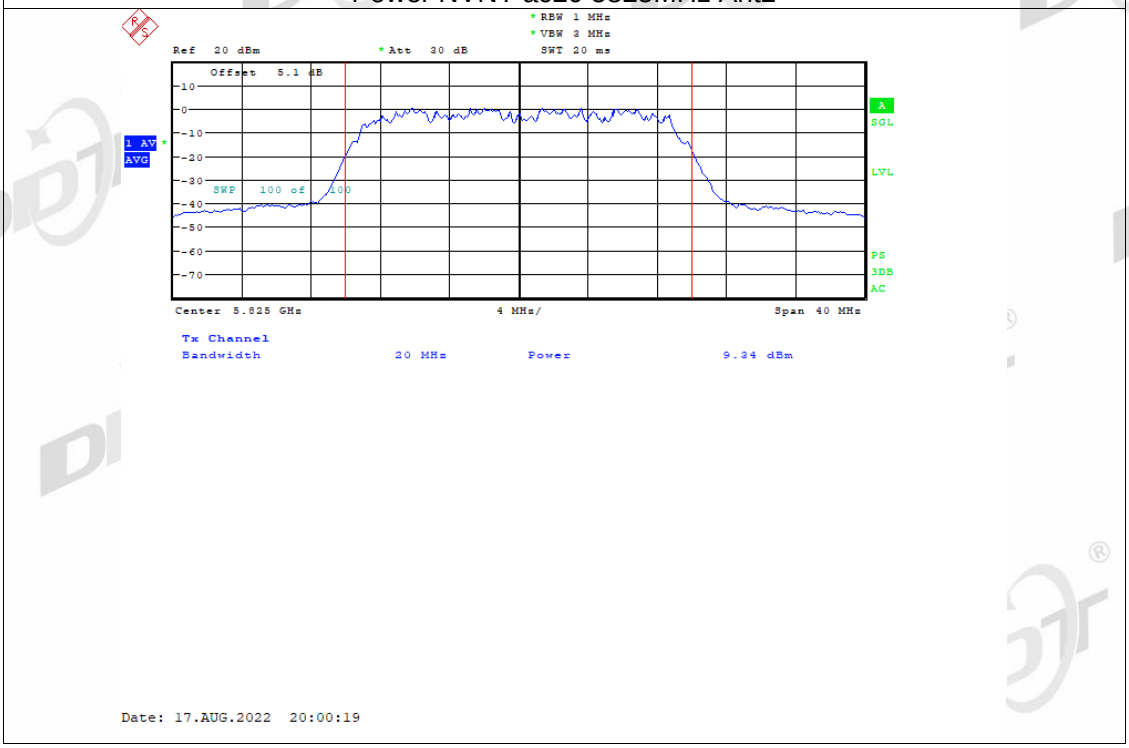
Power NVNT ac20 5745MHz Ant2



Power NVNT ac20 5785MHz Ant2



Power NVNT ac20 5825MHz Ant2



6. Power Spectral Density

6.1. Block diagram of test setup

Same with 4.1

6.2. Limits

FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
Power Spectral Density	For FCC: Other than Mobile and portable:17 dBm/MHz Mobile and portable client devices:11 dBm/MHz	5150-5250
	11 dBm/MHz	5250-5350
	11 dBm/MHz	5470 - 5725
	30 dBm/500 kHz	5725-5850
Note: the EUT does not incorporate a MIMO function.		

6.3. Test procedure

The transmitter output was connected to a spectrum analyzer. Power density was measured by spectrum analyzer with 1MHz RBW and 3MHz VBW.
Connect the UUT to the spectrum analyzer and use the following settings:

5150 MHz~5250 MHz, 5250 MHz~5350 MHz, 5470 MHz~5725 MHz

Center Frequency	The center frequency of the channel under test
Detector	RMS
RBW	1MHz
VBW	≥3 × RBW
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Average
Sweep time	Auto

5725 MHz-5850 MHz

Center Frequency	The center frequency of the channel under test
Detector	RMS
RBW	500 kHz
VBW	≥3 × RBW
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Average
Sweep time	Auto

6.4. Test result

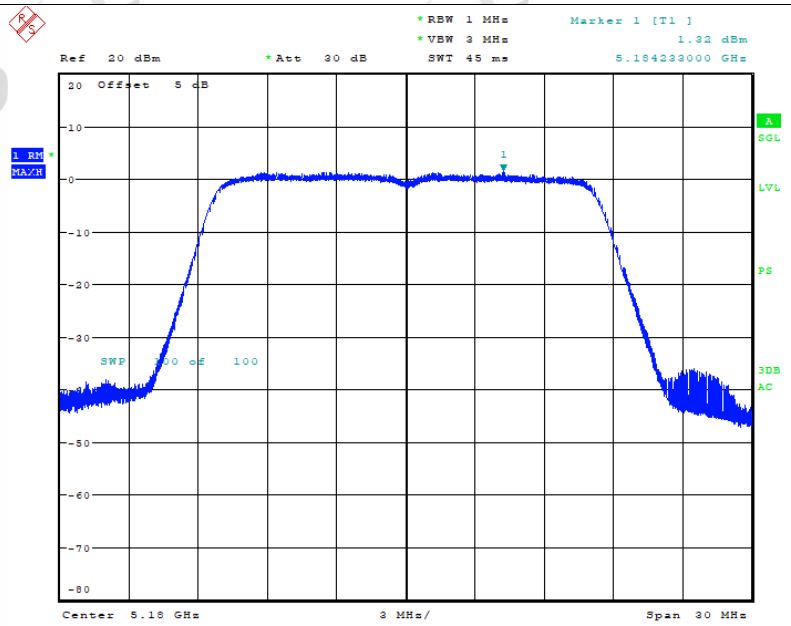
Mode	Frequency (MHz)	Antenna	Conducted PSD (dBm/MHz)	Duty Factor (dB)	Total PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
a	5180	Ant1	1.32	0.28	1.60	11	PASS
a	5200	Ant1	6.12	0.32	6.44	11	PASS
a	5240	Ant1	4.51	0.37	4.88	11	PASS
a	5260	Ant1	2.90	0.32	3.22	11	PASS
a	5280	Ant1	2.72	0.30	3.02	11	PASS
a	5320	Ant1	2.23	0.34	2.57	11	PASS
a	5500	Ant1	4.88	0.31	5.19	11	PASS
a	5600	Ant1	4.55	0.32	4.87	11	PASS
a	5700	Ant1	3.60	0.33	3.93	11	PASS
a	5745	Ant1	2.54	0.31	2.85	30	PASS
a	5785	Ant1	4.15	0.30	4.45	30	PASS
a	5825	Ant1	5.00	0.31	5.31	30	PASS
a	5180	Ant2	2.63	0.29	2.92	11	PASS
a	5200	Ant2	6.86	0.29	7.15	11	PASS
a	5240	Ant2	4.96	0.34	5.30	11	PASS
a	5260	Ant2	3.37	0.30	3.67	11	PASS
a	5280	Ant2	4.21	0.32	4.53	11	PASS
a	5320	Ant2	3.55	0.33	3.88	11	PASS
a	5500	Ant2	6.66	0.30	6.96	11	PASS
a	5600	Ant2	5.24	0.34	5.58	11	PASS
a	5700	Ant2	4.47	0.32	4.79	11	PASS
a	5745	Ant2	4.57	0.28	4.85	30	PASS
a	5785	Ant2	4.70	0.30	5.00	30	PASS
a	5825	Ant2	5.52	0.27	5.79	30	PASS
n20	5180	Ant1	2.10	0.32	2.42	11	PASS
n20	5200	Ant1	5.46	0.33	5.79	11	PASS
n20	5240	Ant1	4.72	0.36	5.08	11	PASS
n20	5260	Ant1	2.60	0.32	2.92	11	PASS
n20	5280	Ant1	2.45	0.34	2.79	11	PASS
n20	5320	Ant1	1.81	0.33	2.14	11	PASS
n20	5500	Ant1	4.76	0.33	5.09	11	PASS
n20	5600	Ant1	4.08	0.35	4.43	11	PASS
n20	5700	Ant1	2.73	0.33	3.06	11	PASS
n20	5745	Ant1	2.63	0.34	2.97	30	PASS
n20	5785	Ant1	3.90	0.33	4.23	30	PASS
n20	5825	Ant1	4.32	0.30	4.62	30	PASS
n20	5180	Ant2	2.71	0.33	3.04	11	PASS
n20	5200	Ant2	6.48	0.33	6.81	11	PASS
n20	5240	Ant2	4.96	0.39	5.35	11	PASS
n20	5260	Ant2	2.89	0.33	3.22	11	PASS
n20	5280	Ant2	2.65	0.32	2.97	11	PASS
n20	5320	Ant2	3.21	0.33	3.54	11	PASS
n20	5500	Ant2	5.72	0.34	6.06	11	PASS

n20	5600	Ant2	5.05	0.31	5.36	11	PASS
n20	5700	Ant2	4.26	0.33	4.59	11	PASS
n20	5745	Ant2	3.99	0.33	4.32	30	PASS
n20	5785	Ant2	4.14	0.32	4.46	30	PASS
n20	5825	Ant2	5.52	0.33	5.85	30	PASS
ac20	5180	Ant1	5.12	0.37	5.49	11	PASS
ac20	5200	Ant1	5.25	0.35	5.60	11	PASS
ac20	5240	Ant1	4.43	0.44	4.87	11	PASS
ac20	5260	Ant1	2.41	0.39	2.80	11	PASS
ac20	5280	Ant1	2.30	0.38	2.68	11	PASS
ac20	5320	Ant1	1.51	0.39	1.90	11	PASS
ac20	5500	Ant1	4.61	0.38	4.99	11	PASS
ac20	5600	Ant1	3.67	0.38	4.05	11	PASS
ac20	5700	Ant1	2.77	0.37	3.14	11	PASS
ac20	5745	Ant1	2.92	0.38	3.30	30	PASS
ac20	5785	Ant1	3.96	0.36	4.32	30	PASS
ac20	5825	Ant1	4.57	0.39	4.96	30	PASS
ac20	5180	Ant2	5.80	0.37	6.17	11	PASS
ac20	5200	Ant2	6.04	0.38	6.42	11	PASS
ac20	5240	Ant2	4.69	0.43	5.12	11	PASS
ac20	5260	Ant2	3.04	0.38	3.42	11	PASS
ac20	5280	Ant2	3.28	0.36	3.64	11	PASS
ac20	5320	Ant2	3.01	0.37	3.38	11	PASS
ac20	5500	Ant2	5.78	0.37	6.15	11	PASS
ac20	5600	Ant2	5.29	0.38	5.67	11	PASS
ac20	5700	Ant2	4.02	0.38	4.40	11	PASS
ac20	5745	Ant2	3.45	0.37	3.82	30	PASS
ac20	5785	Ant2	3.93	0.38	4.31	30	PASS
ac20	5825	Ant2	4.77	0.37	5.14	30	PASS

Note: The limit for band 5725MHz – 5850MHz is dBm/500kHz.

6.5. Original test data

Test Graphs
PSD NVNT a 5180MHz Ant1



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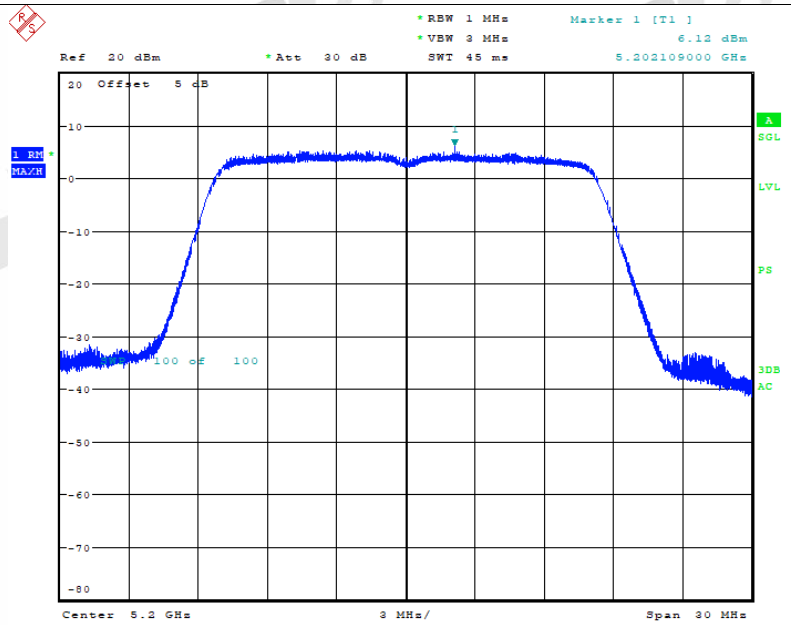
PSD NVNT a 5200MHz Ant1



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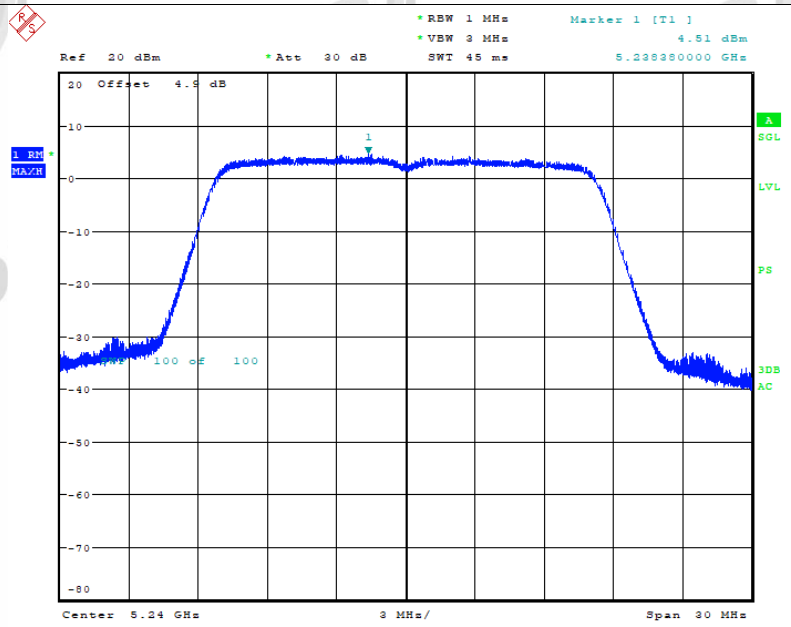
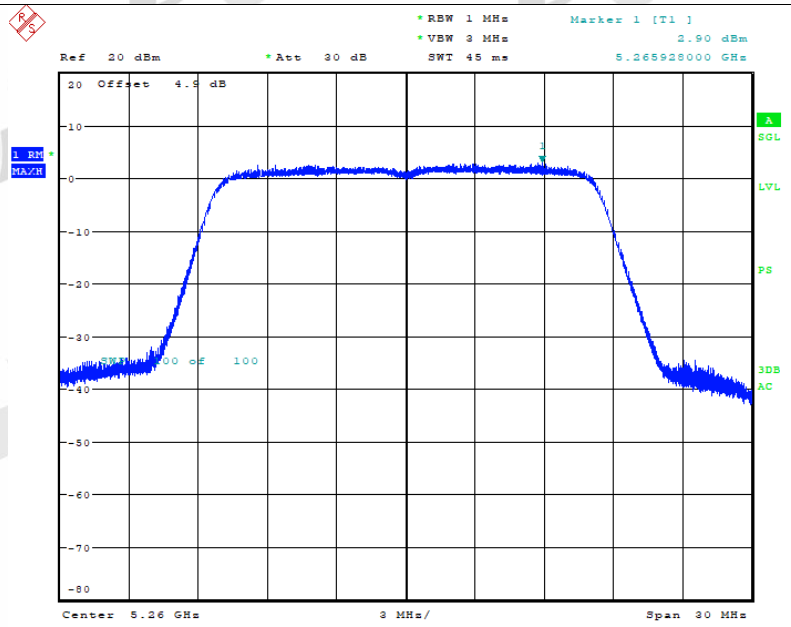
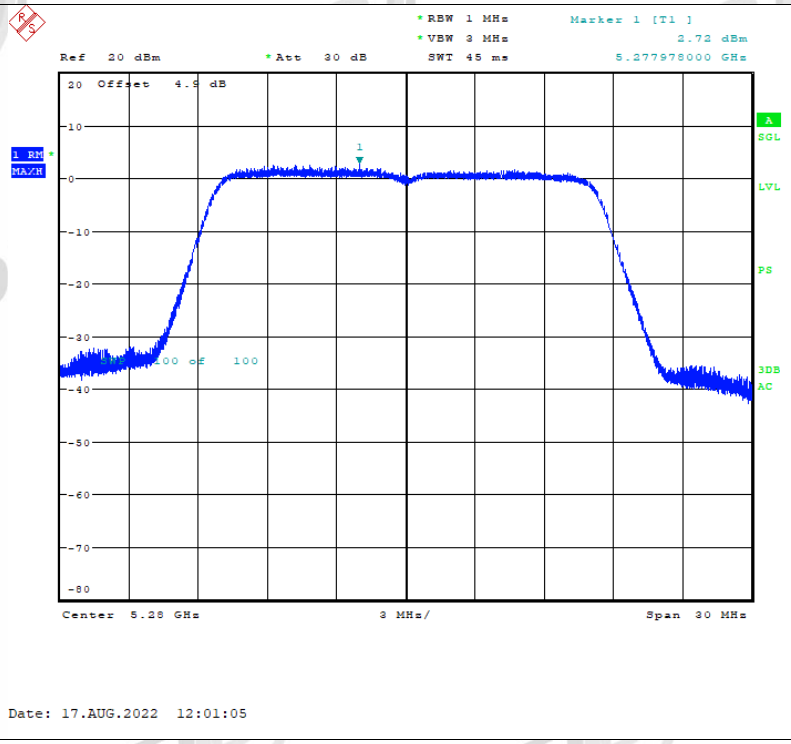
PSD NVNT a 5240MHz Ant1



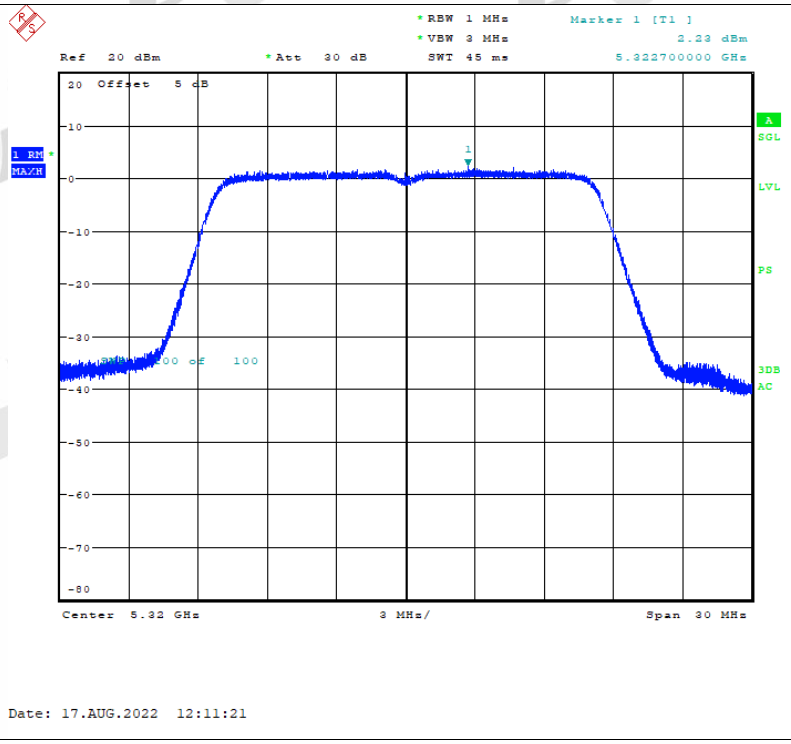
PSD NVNT a 5260MHz Ant1



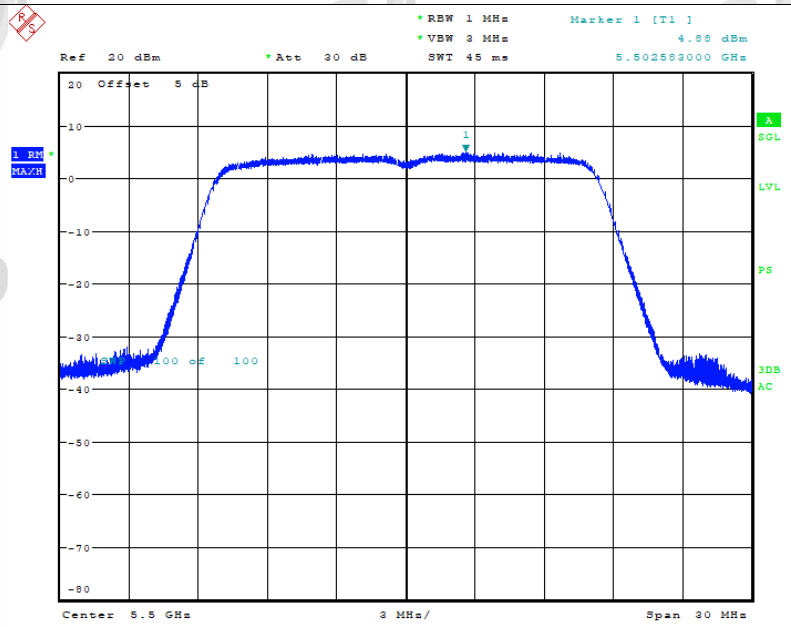
PSD NVNT a 5280MHz Ant1



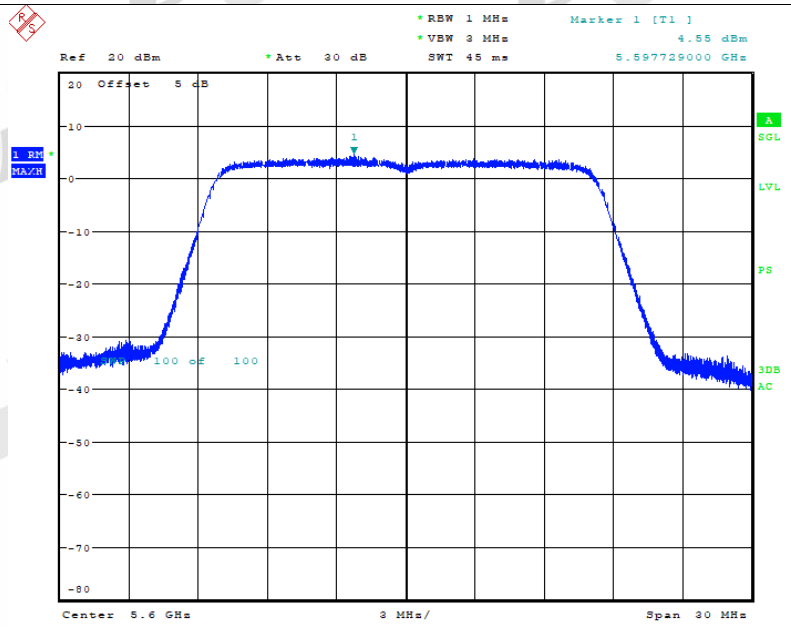
PSD NVNT a 5320MHz Ant1



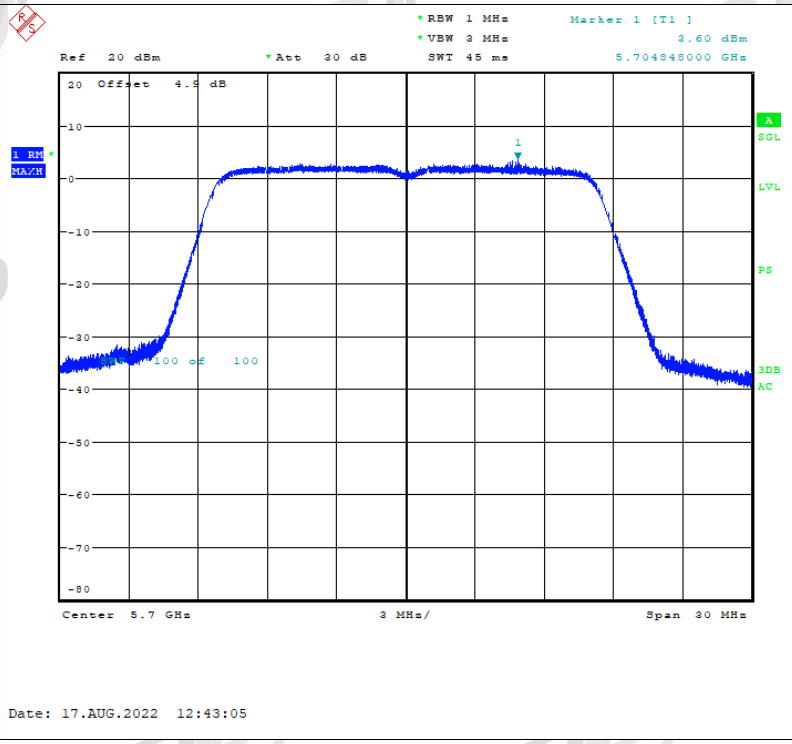
PSD NVNT a 5500MHz Ant1



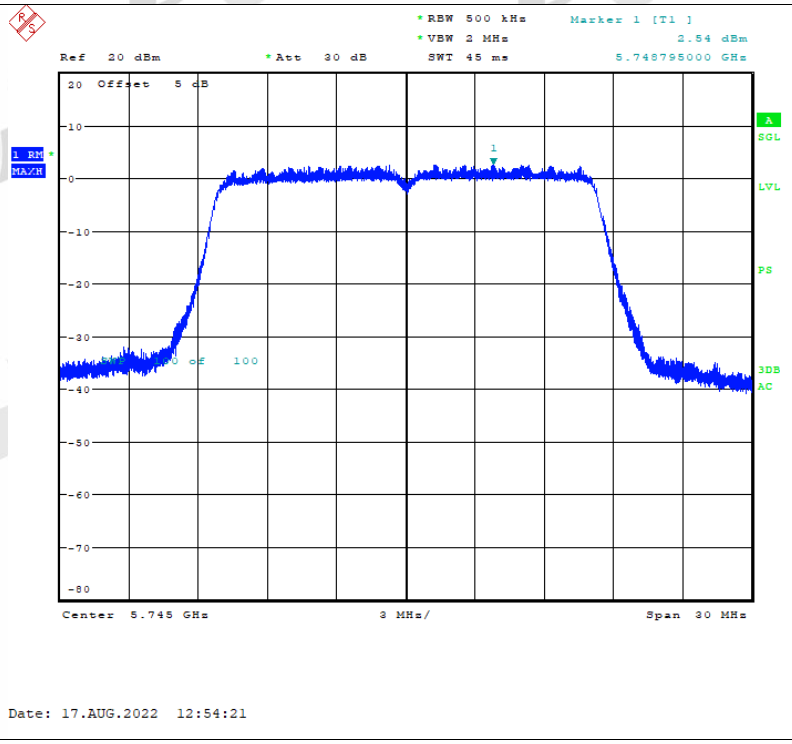
PSD NVNT a 5600MHz Ant1



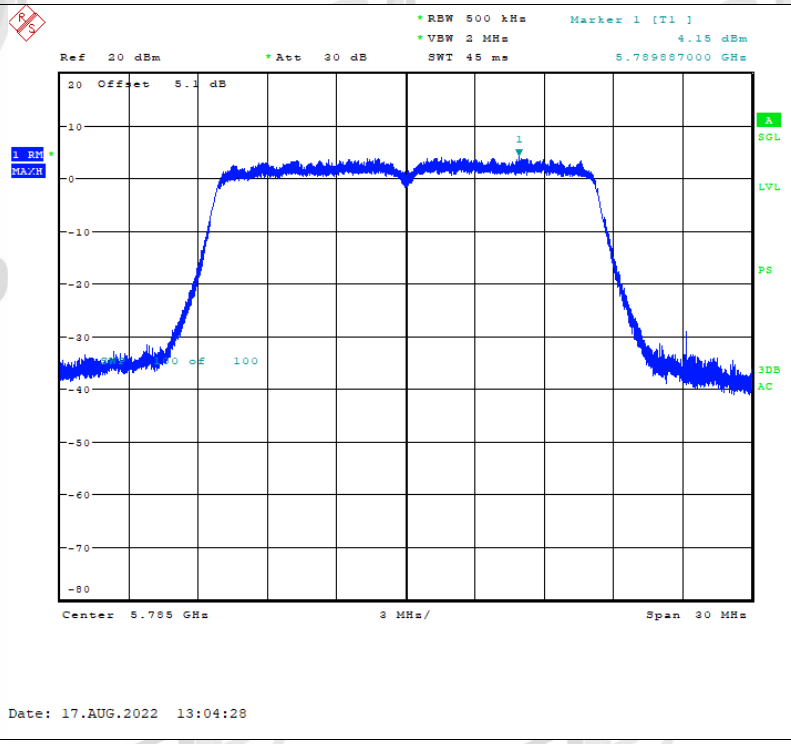
PSD NVNT a 5700MHz Ant1



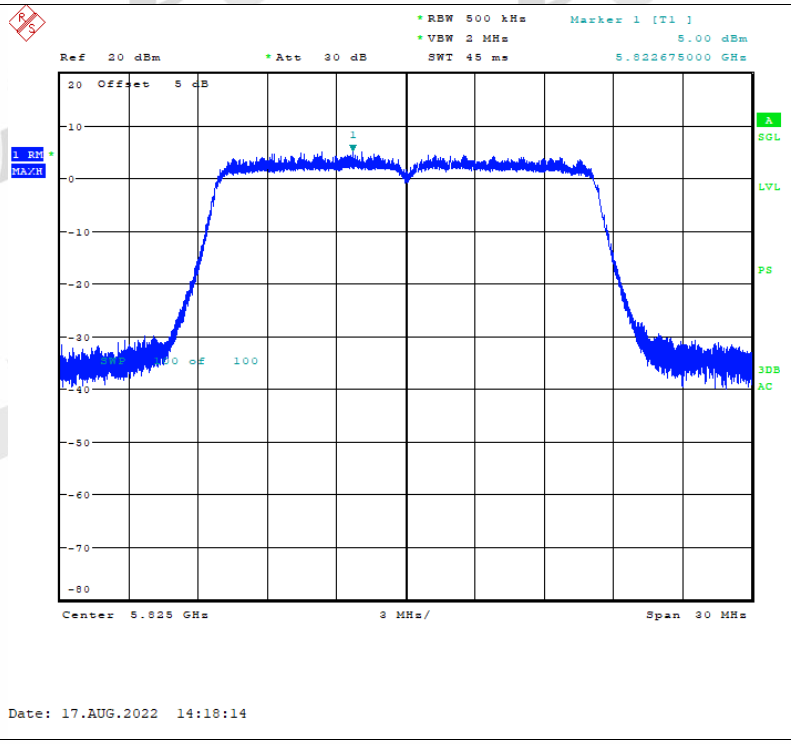
PSD NVNT a 5745MHz Ant1



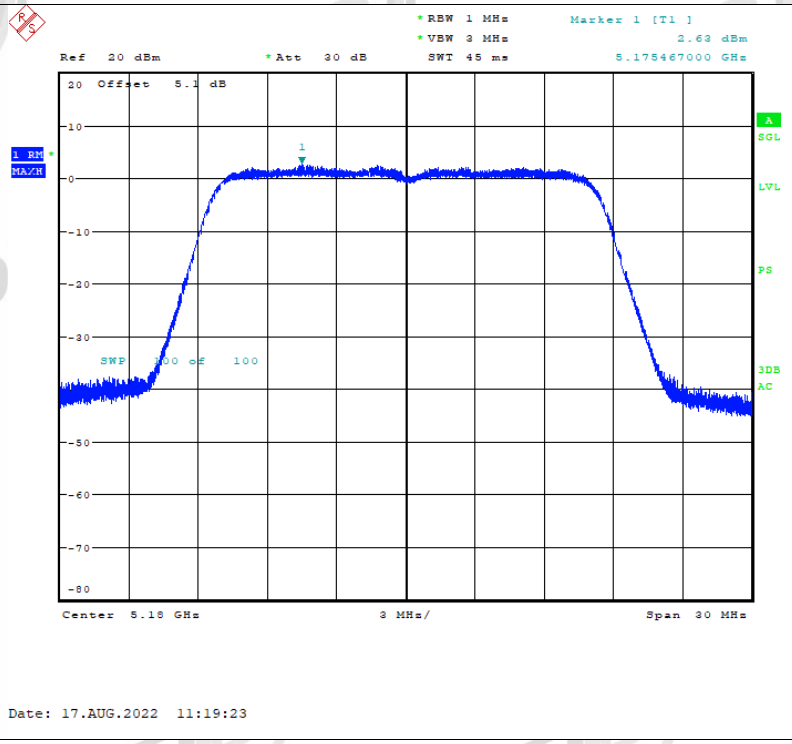
PSD NVNT a 5785MHz Ant1



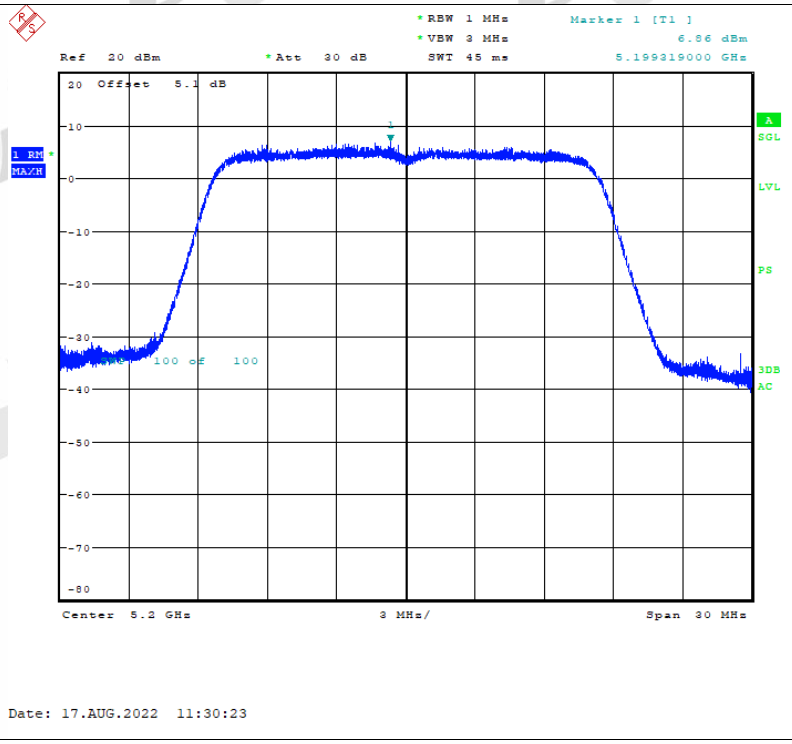
PSD NVNT a 5825MHz Ant1



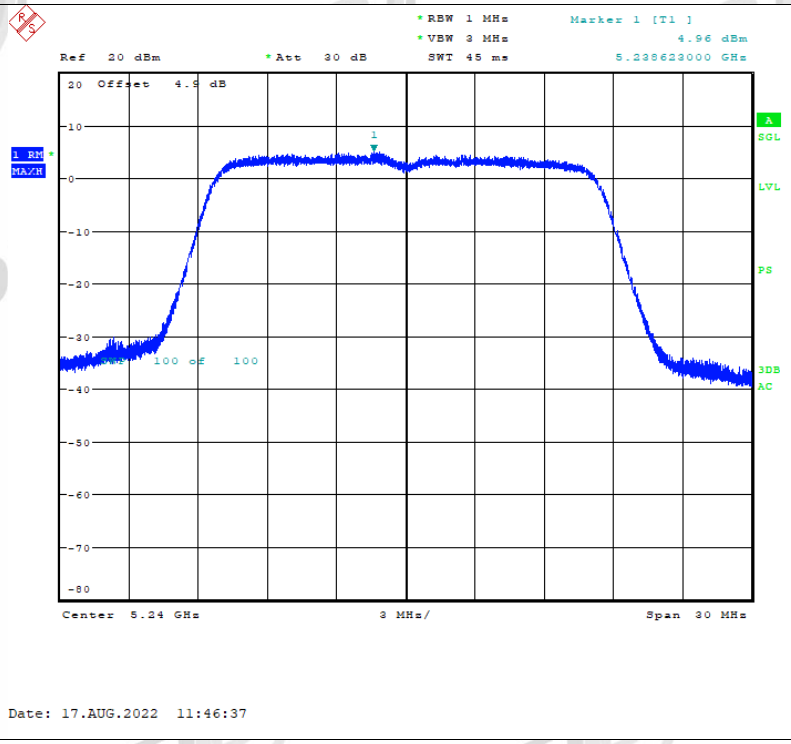
PSD NVNT a 5180MHz Ant2



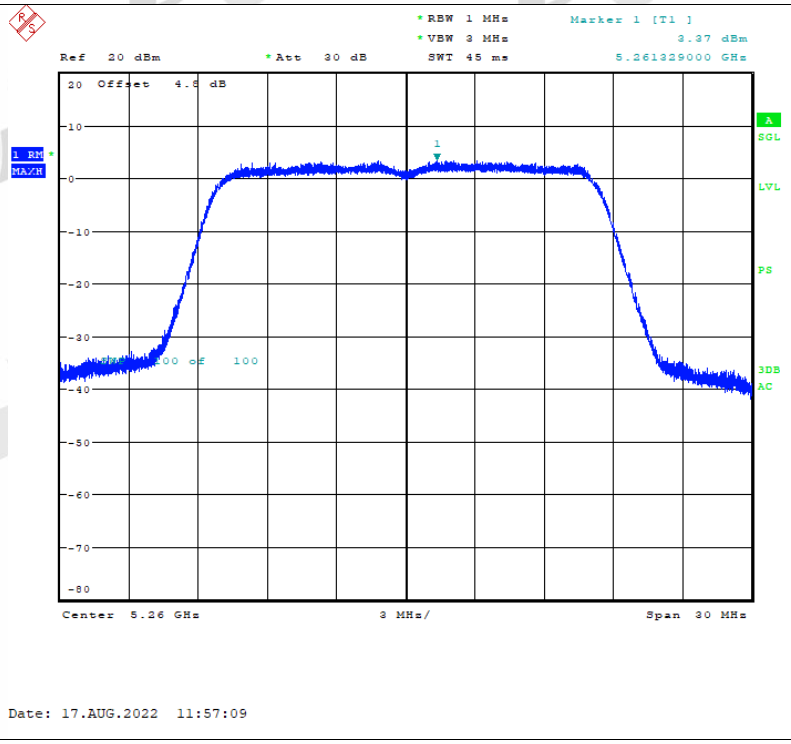
PSD NVNT a 5200MHz Ant2



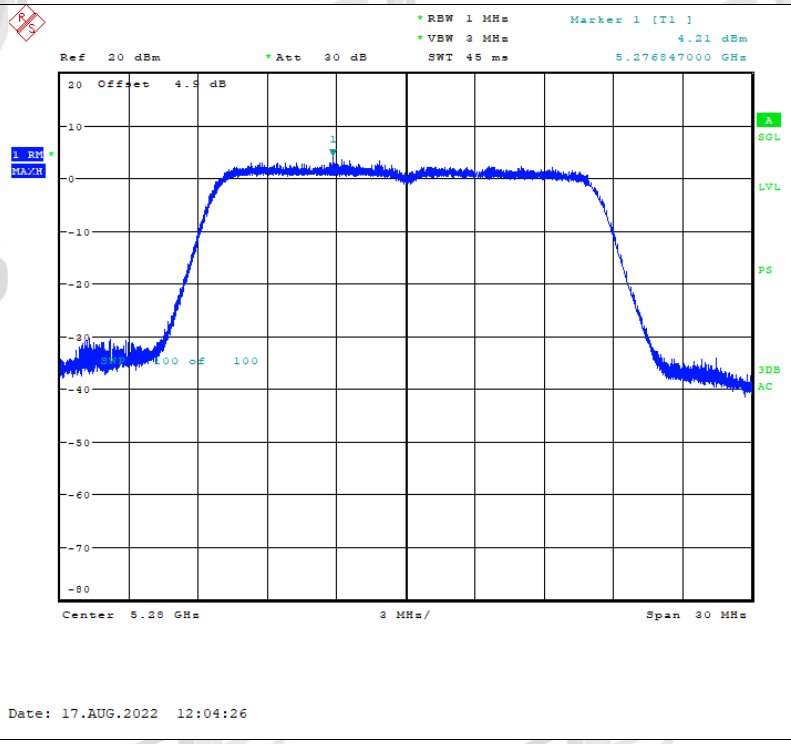
PSD NVNT a 5240MHz Ant2



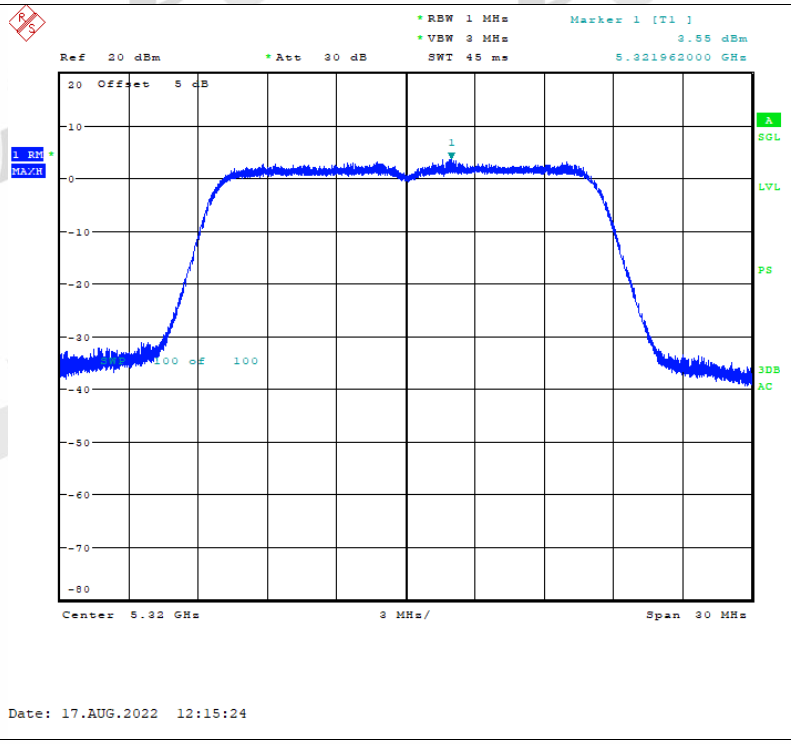
PSD NVNT a 5260MHz Ant2



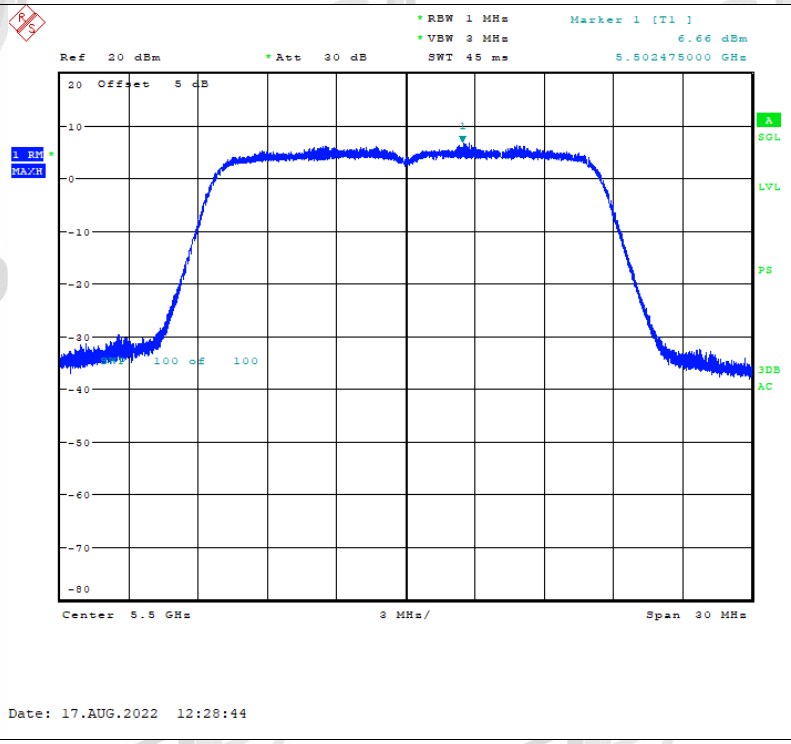
PSD NVNT a 5280MHz Ant2



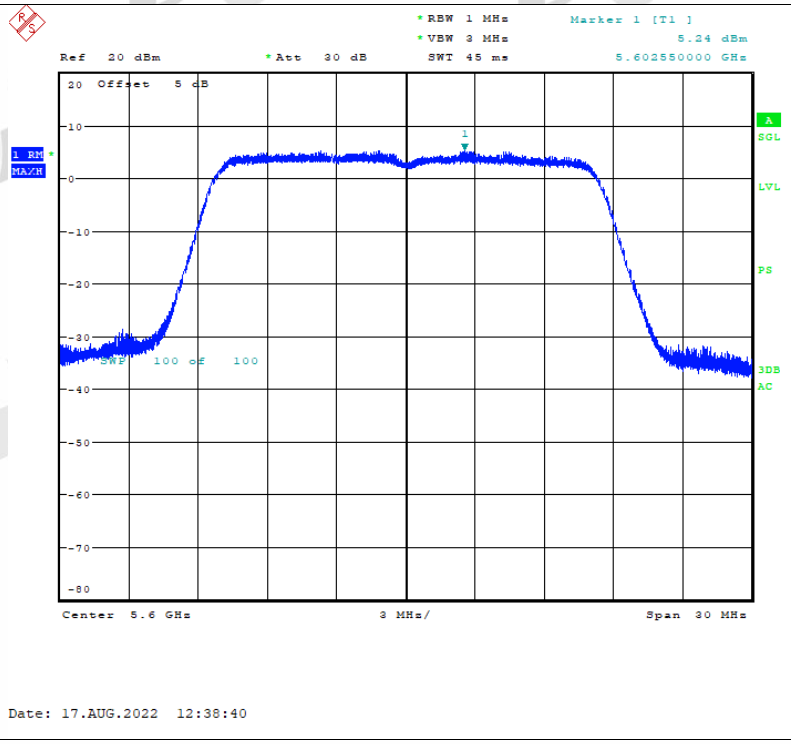
PSD NVNT a 5320MHz Ant2



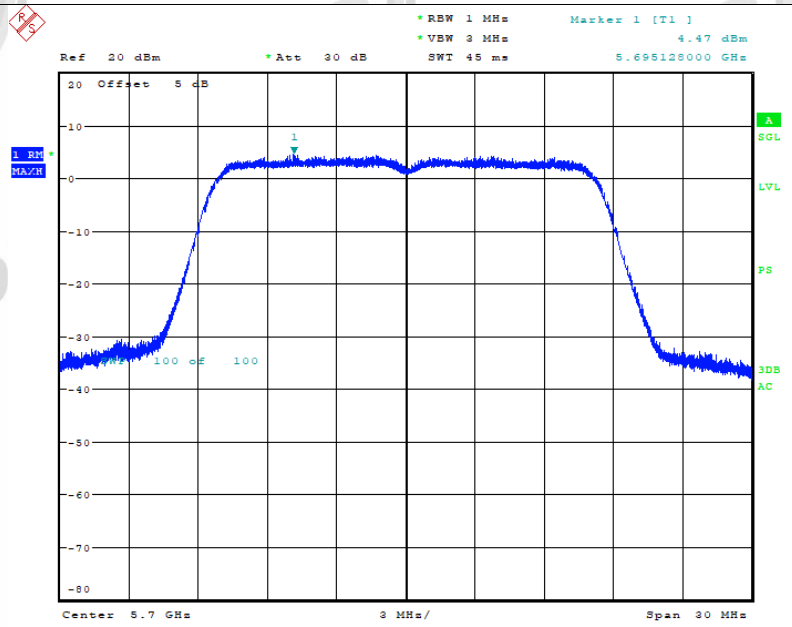
PSD NVNT a 5500MHz Ant2



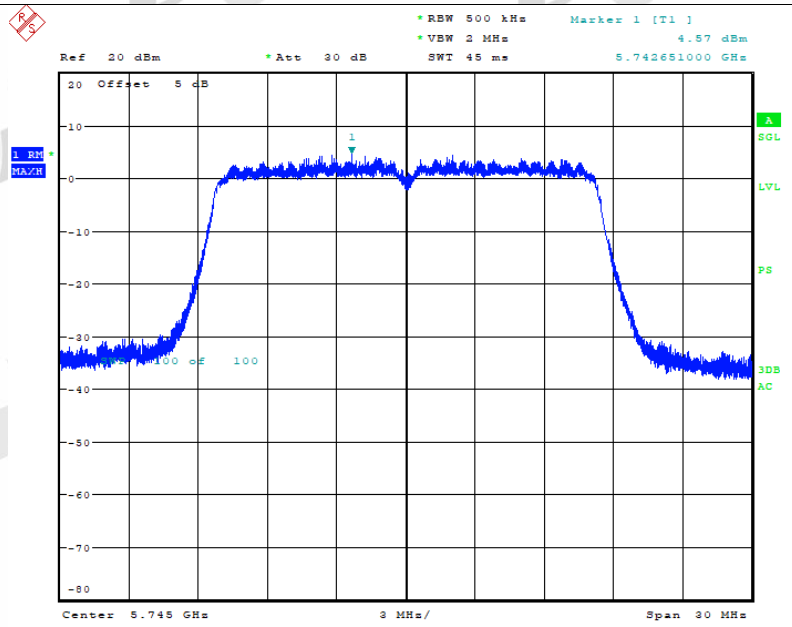
PSD NVNT a 5600MHz Ant2



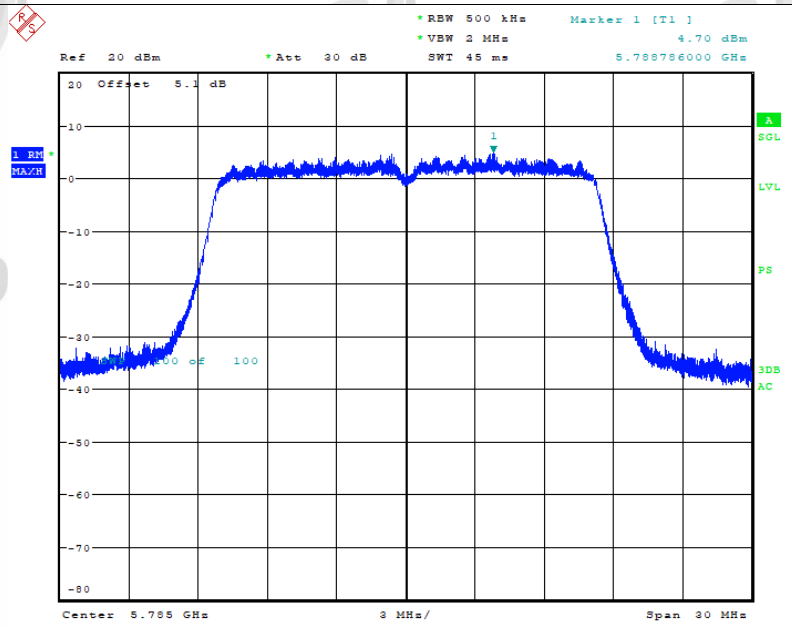
PSD NVNT a 5700MHz Ant2



PSD NVNT a 5745MHz Ant2



PSD NVNT a 5785MHz Ant2



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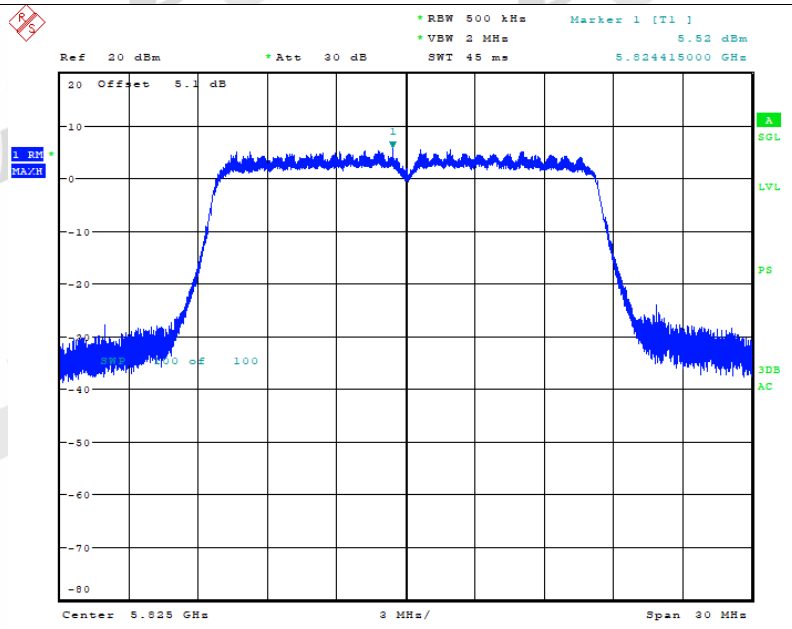

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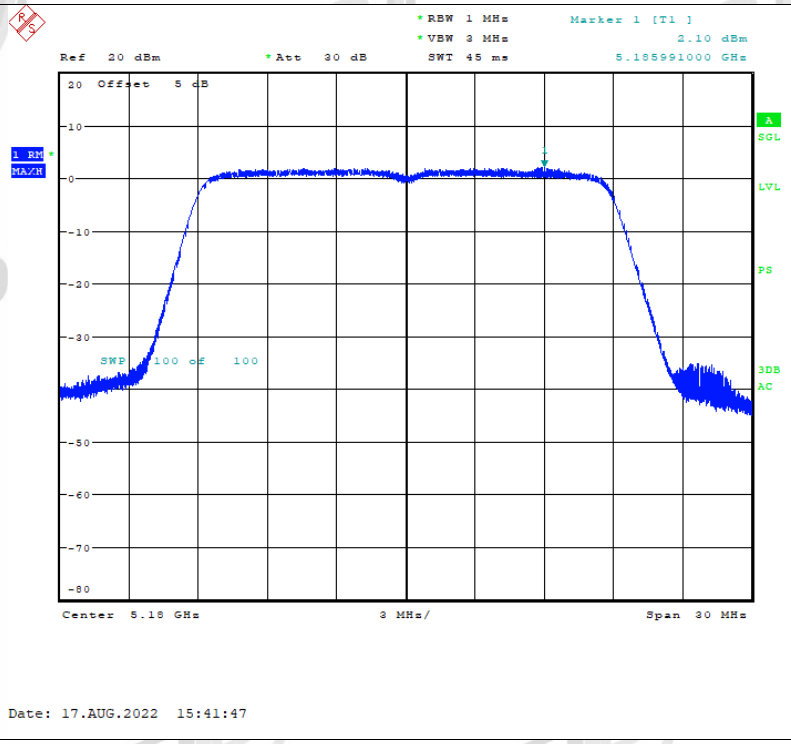

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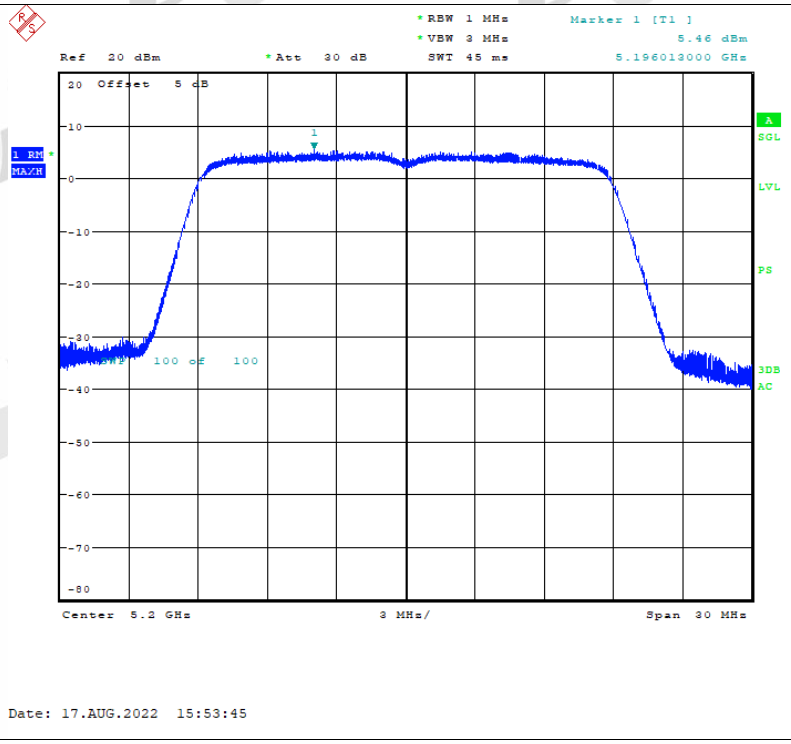

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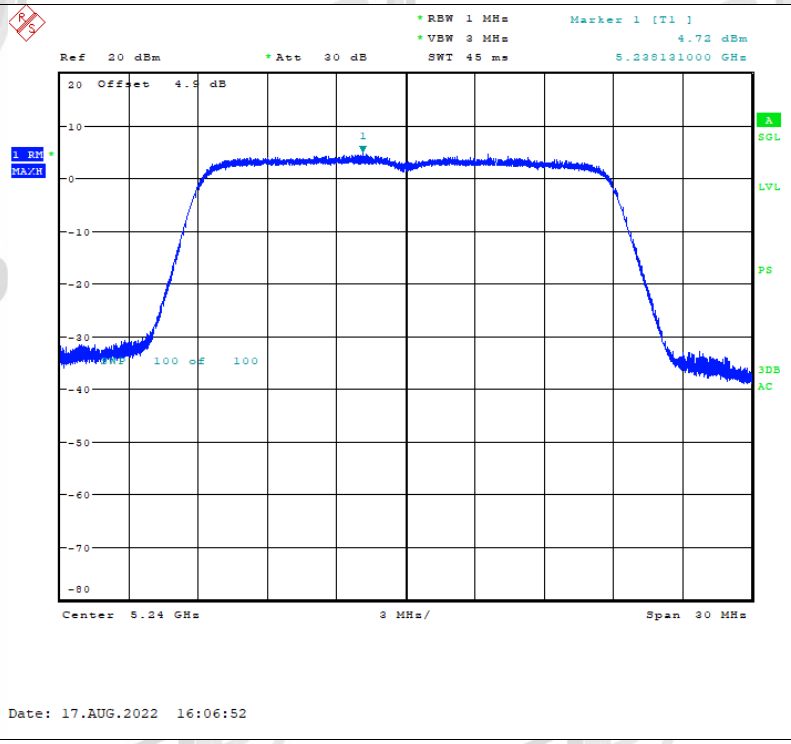

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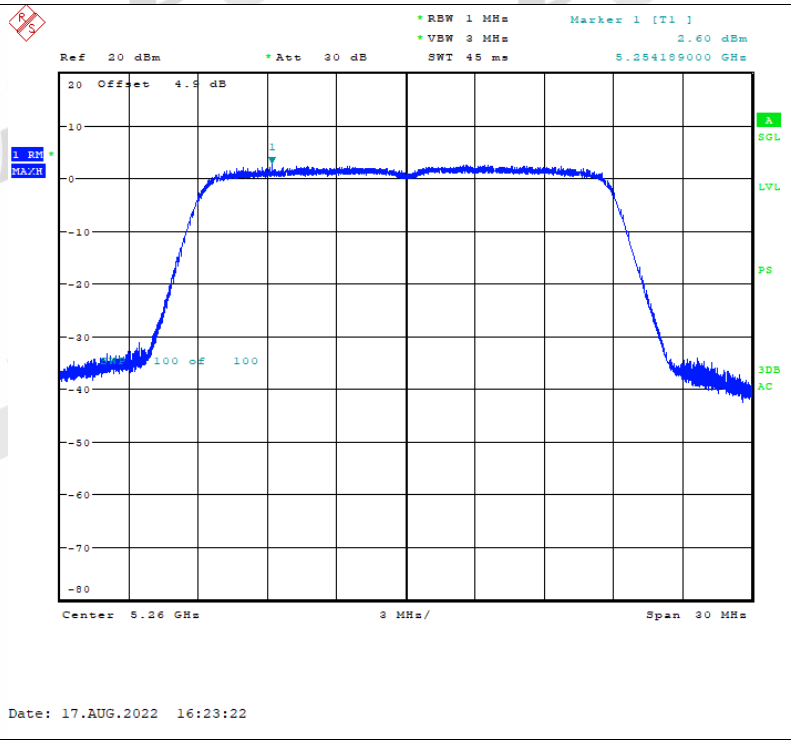

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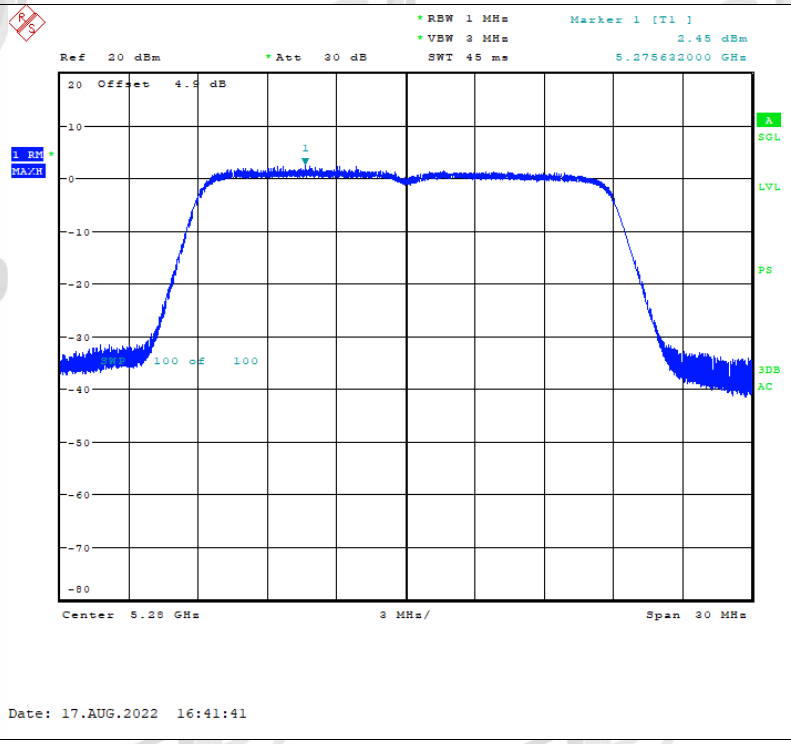

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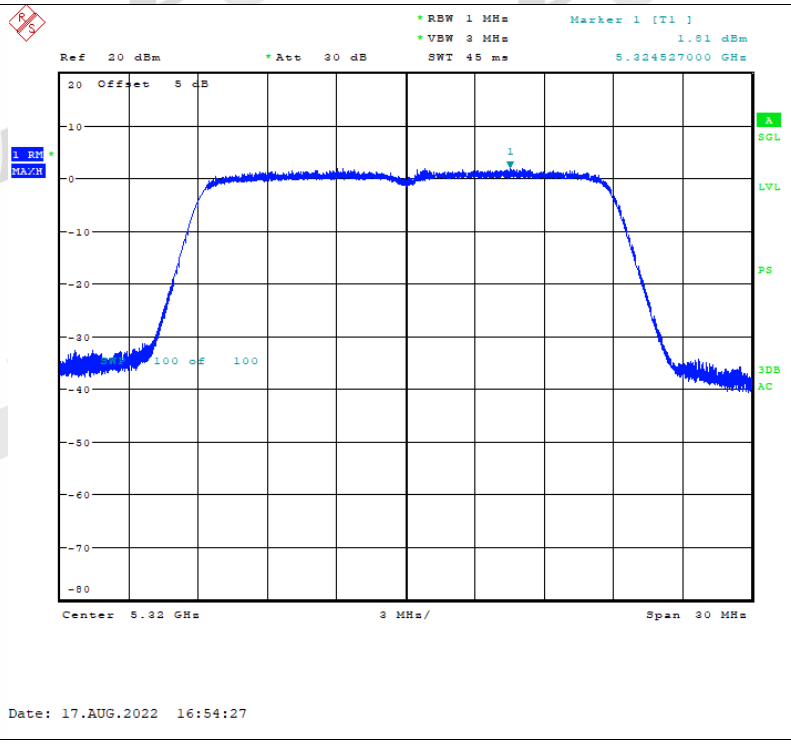

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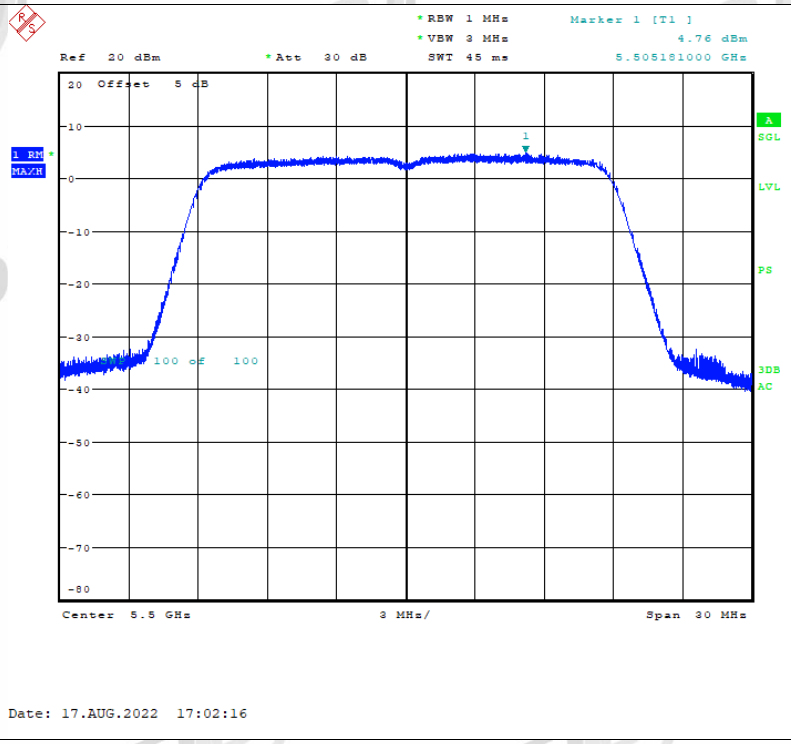

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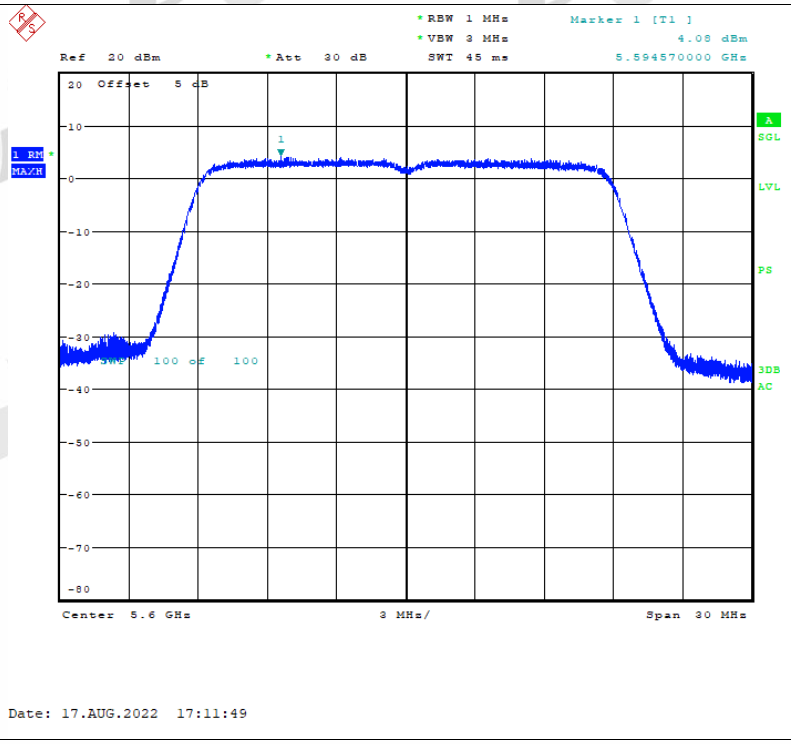

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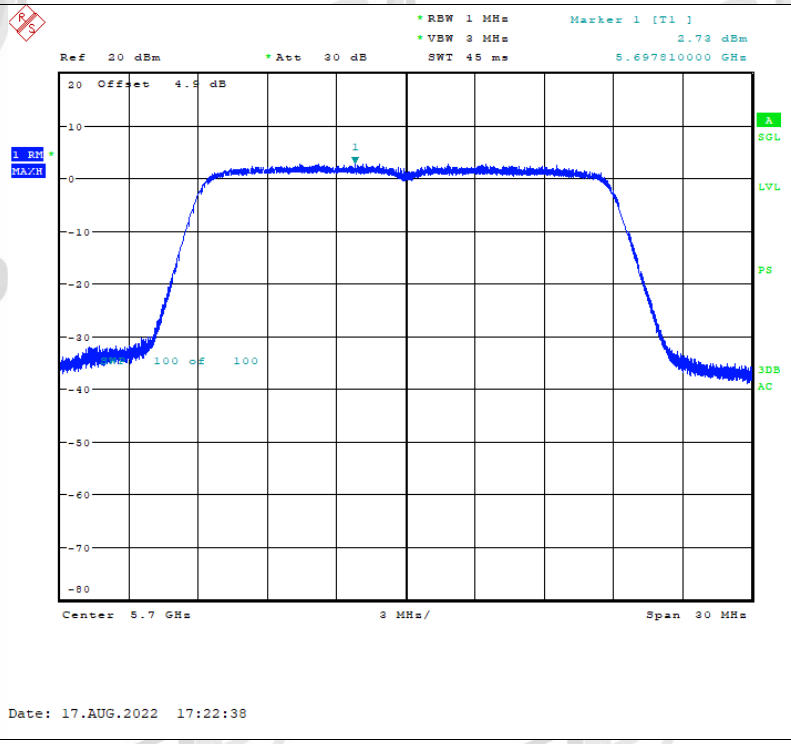

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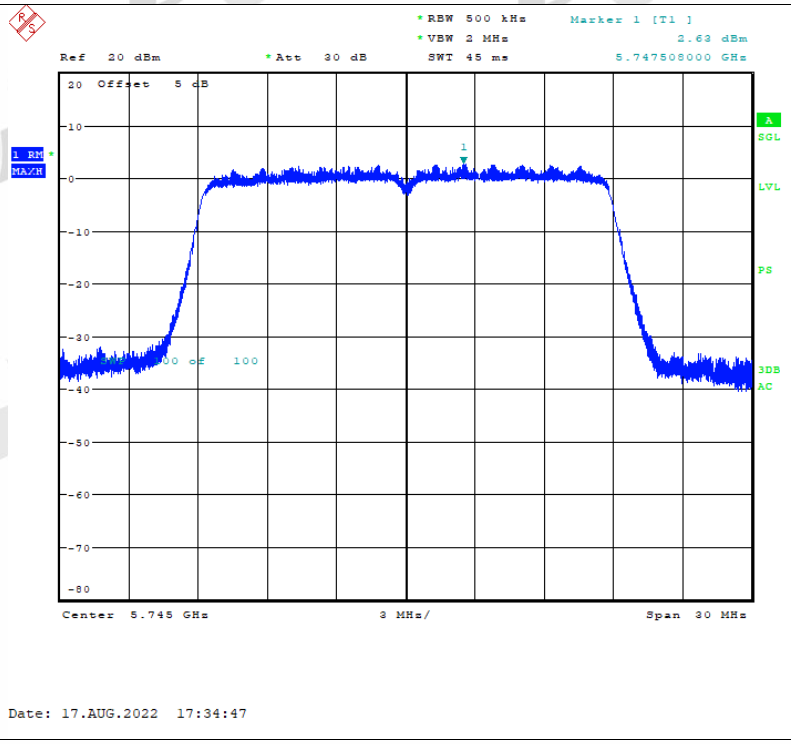

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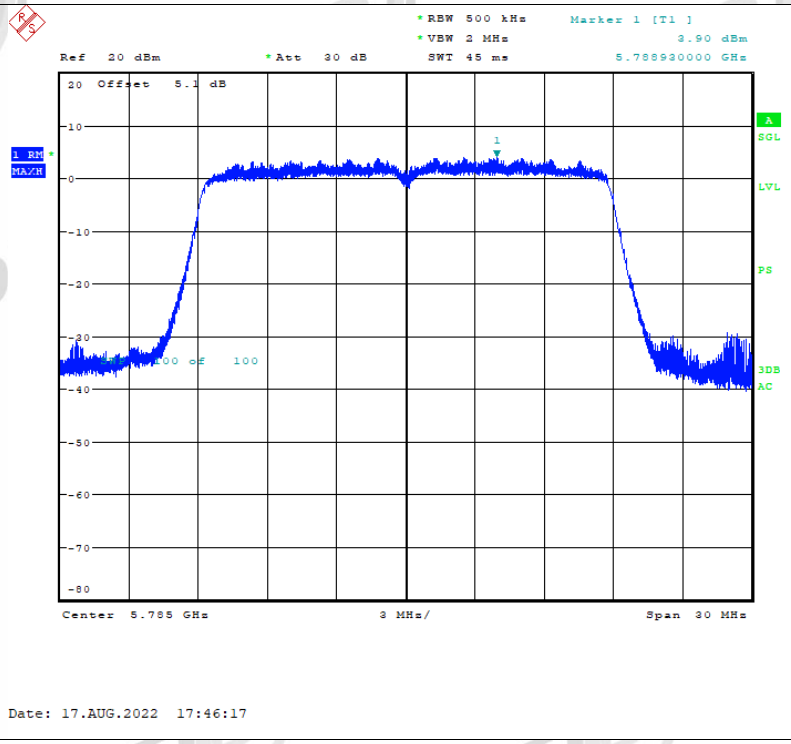

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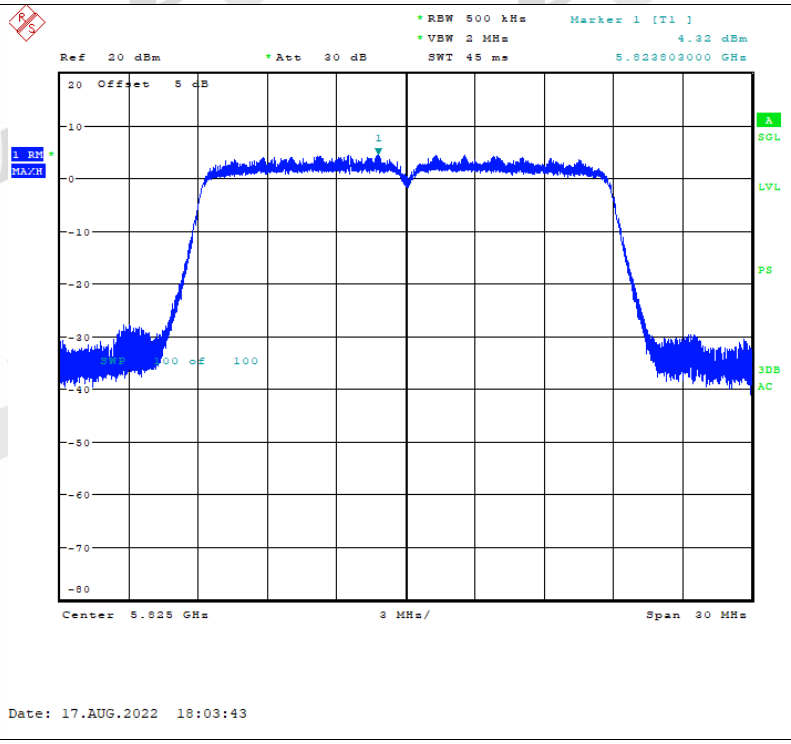

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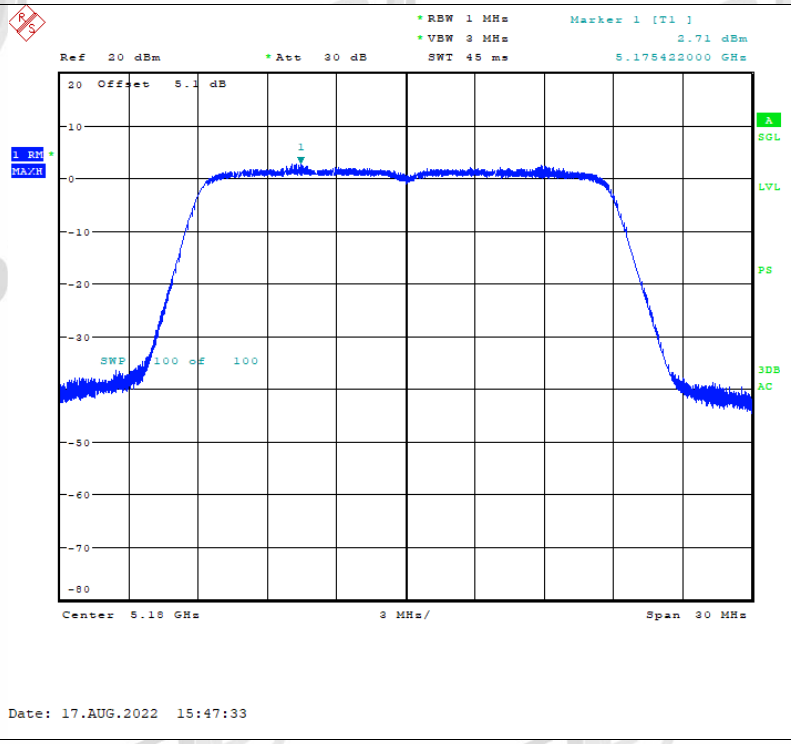

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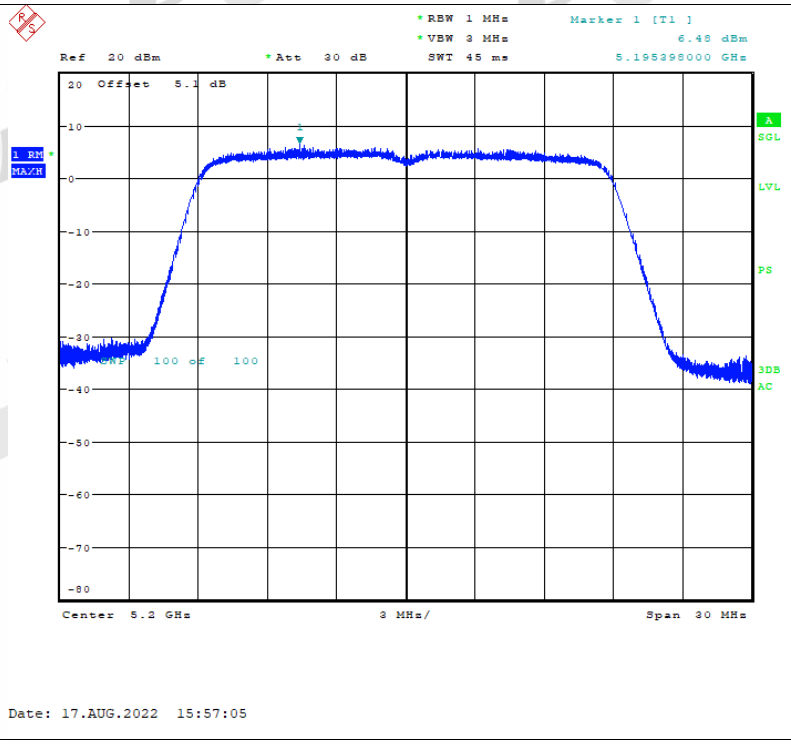

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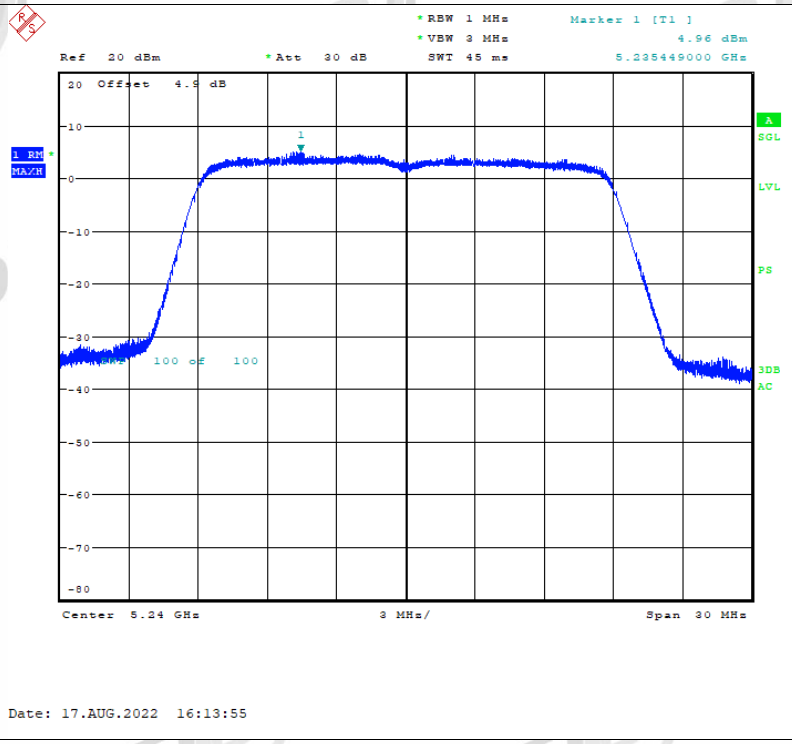

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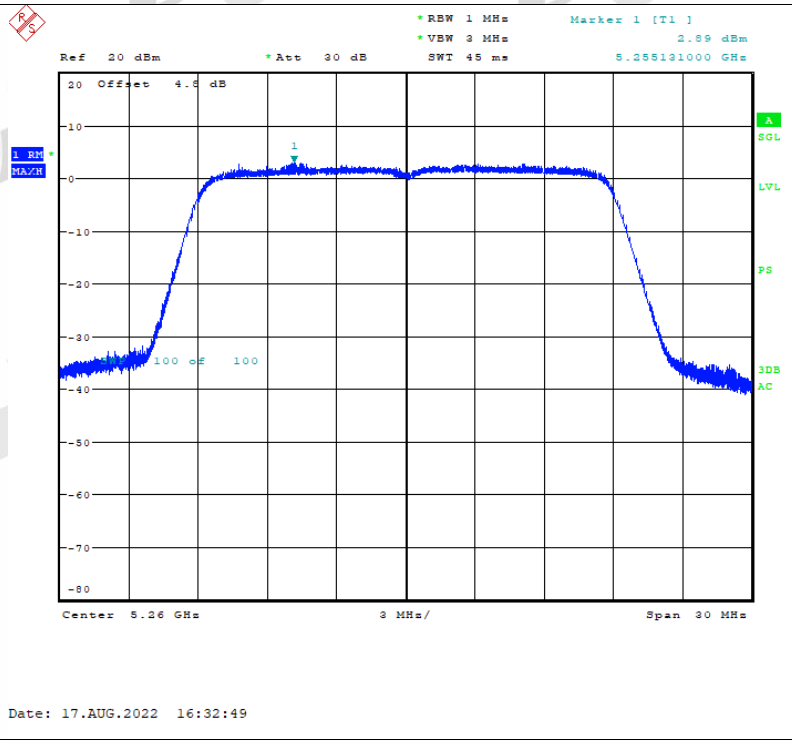

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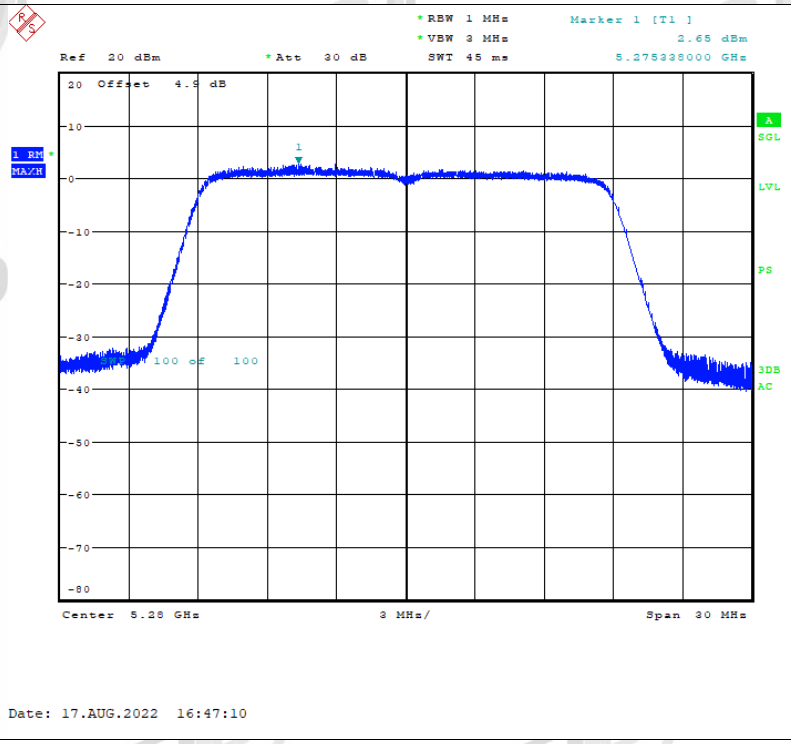

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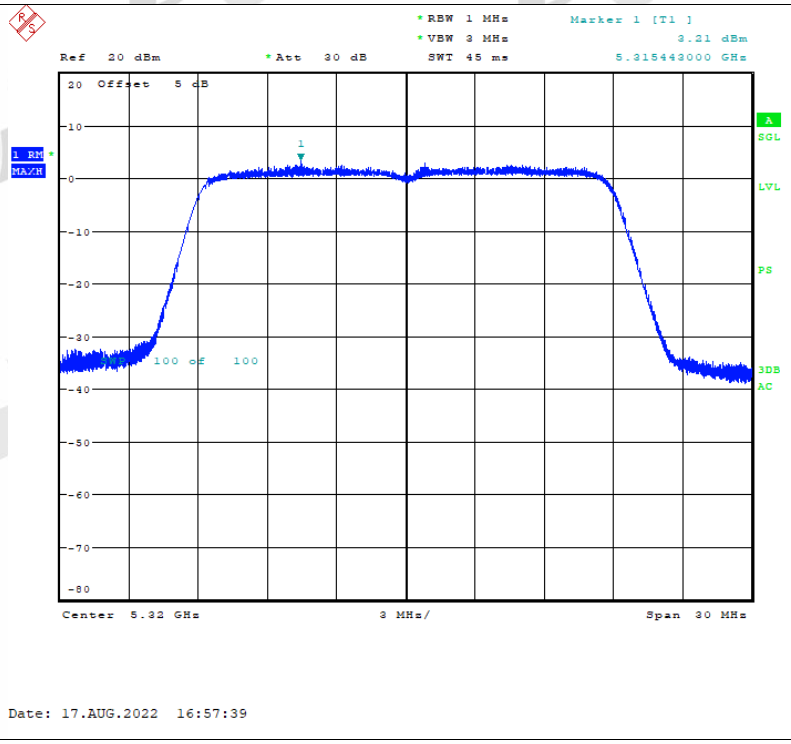

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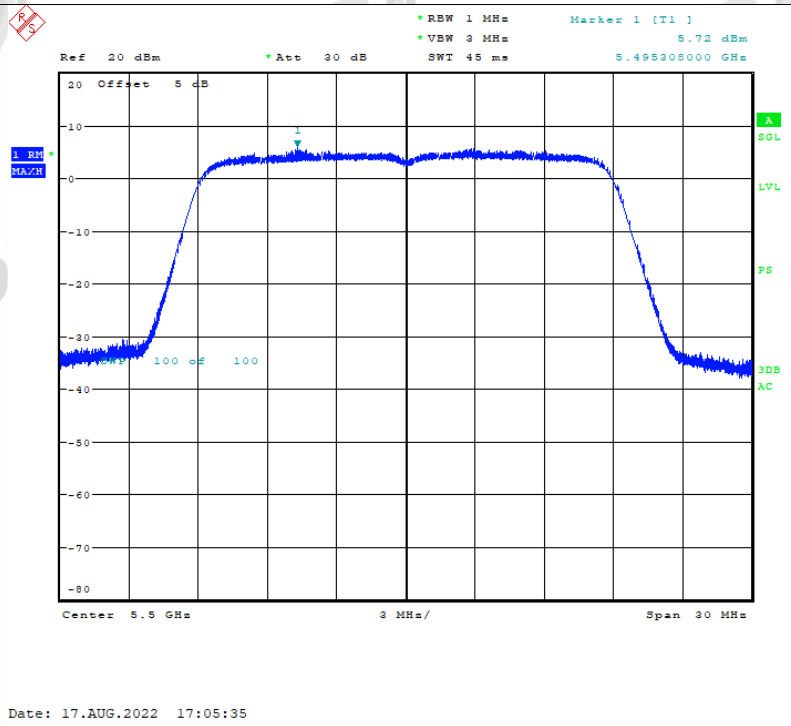

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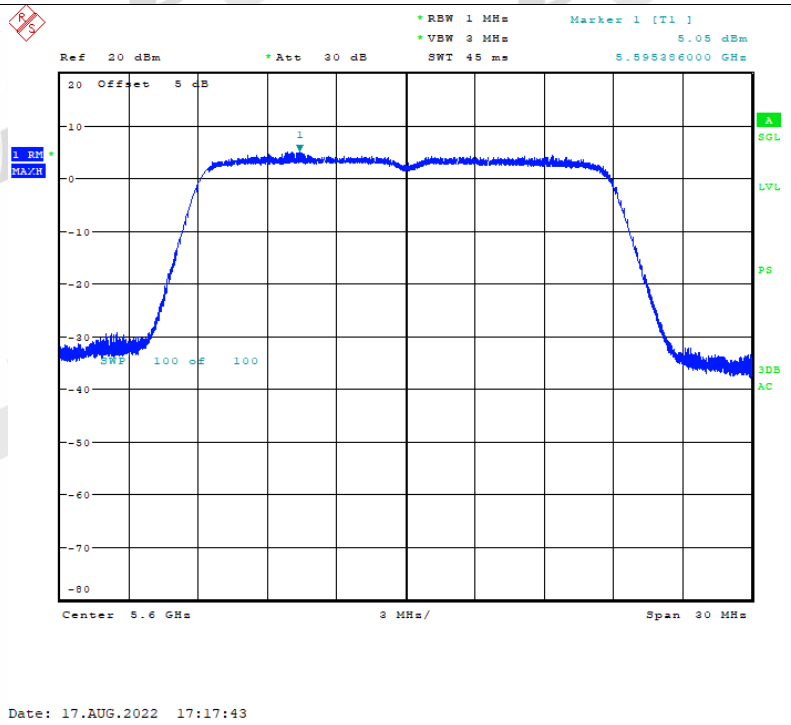

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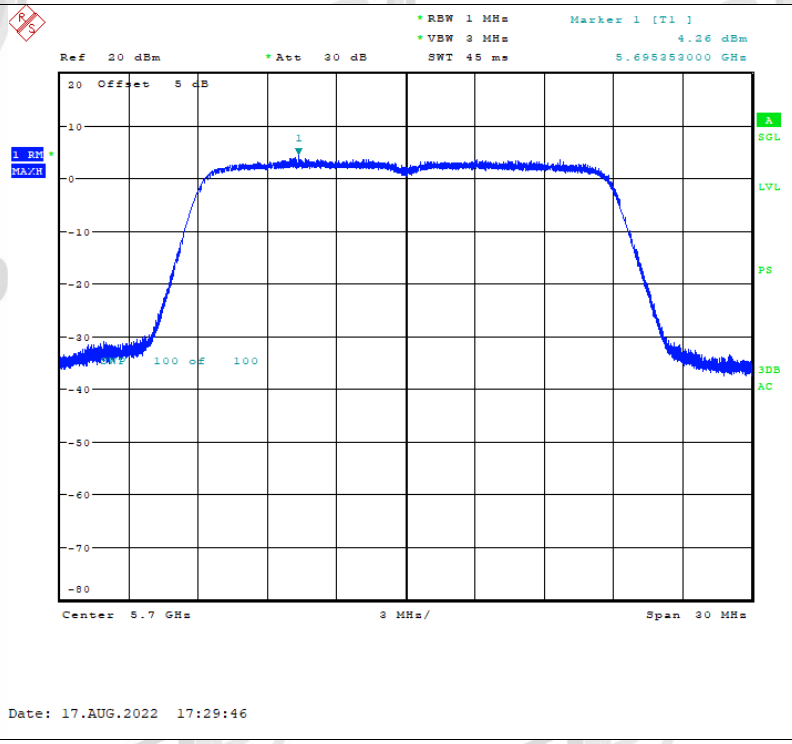

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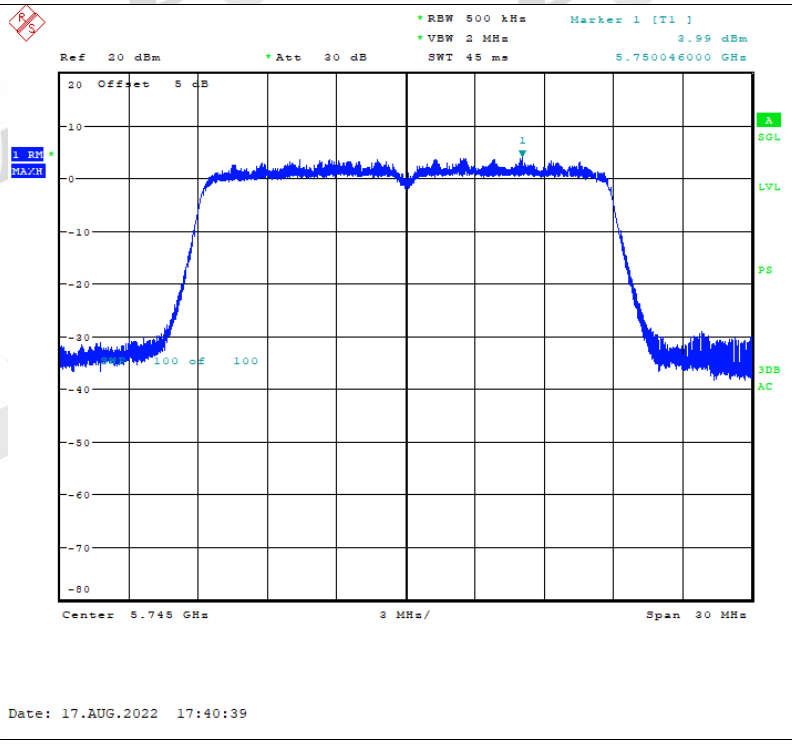

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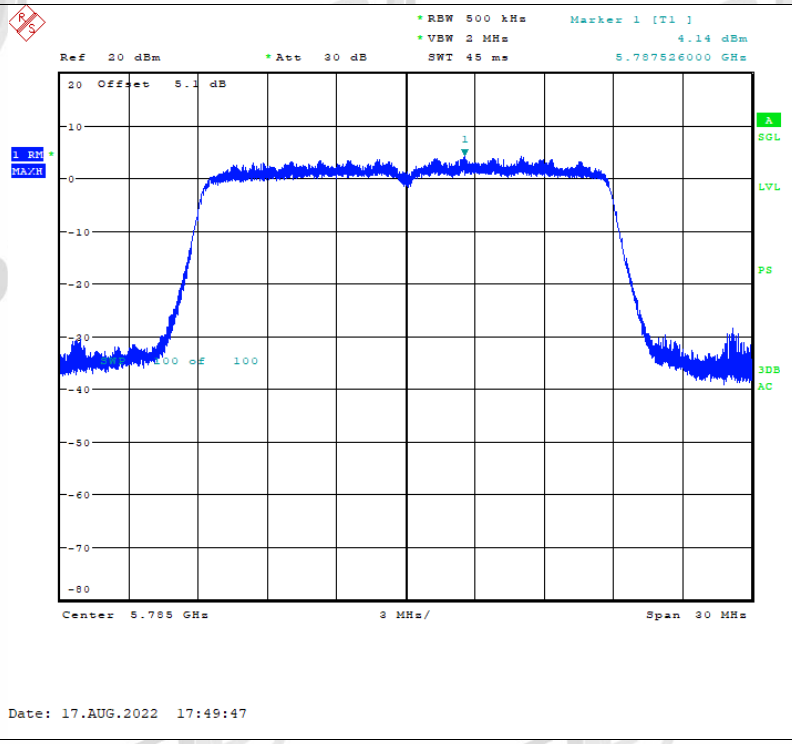

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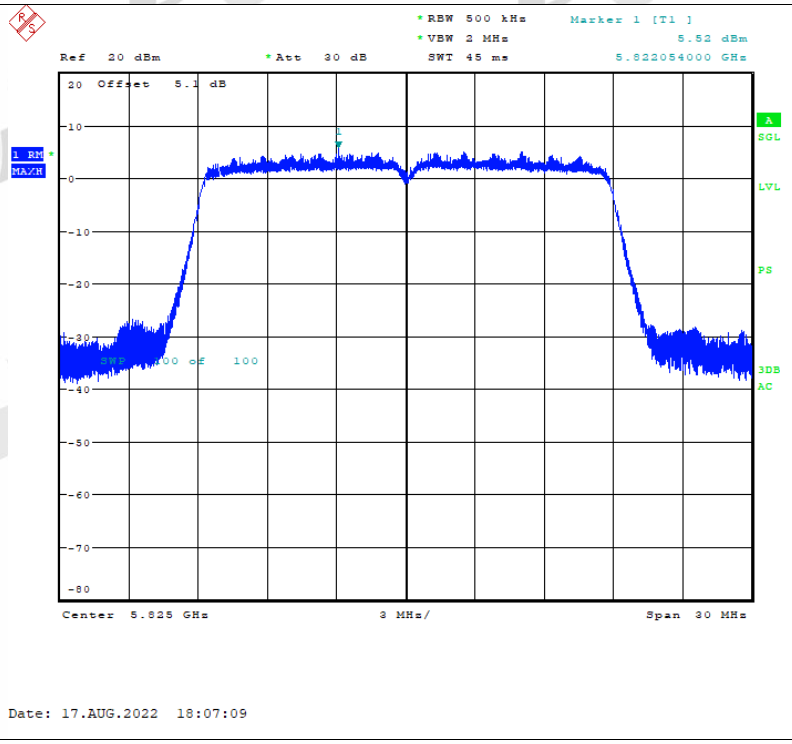

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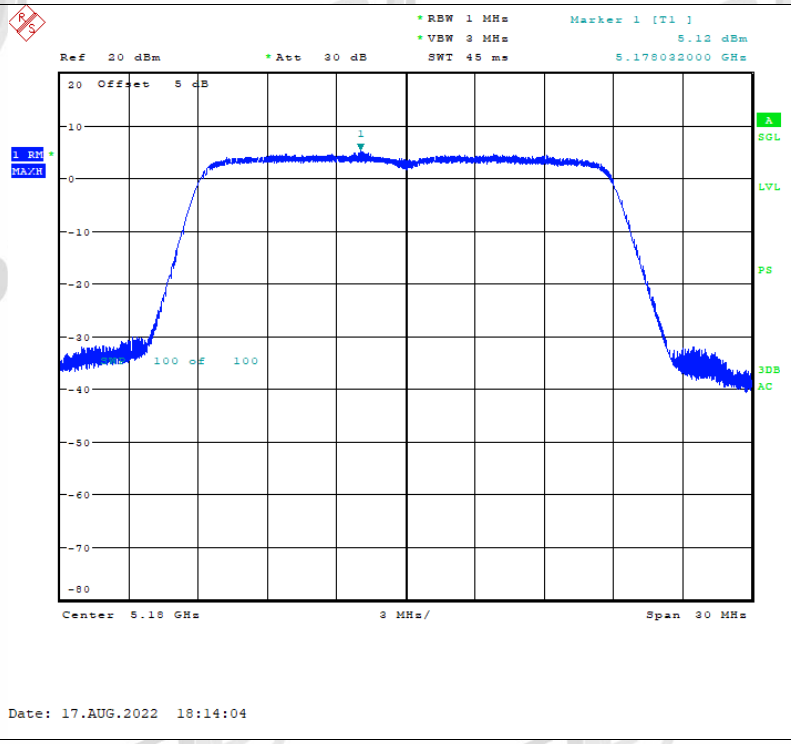

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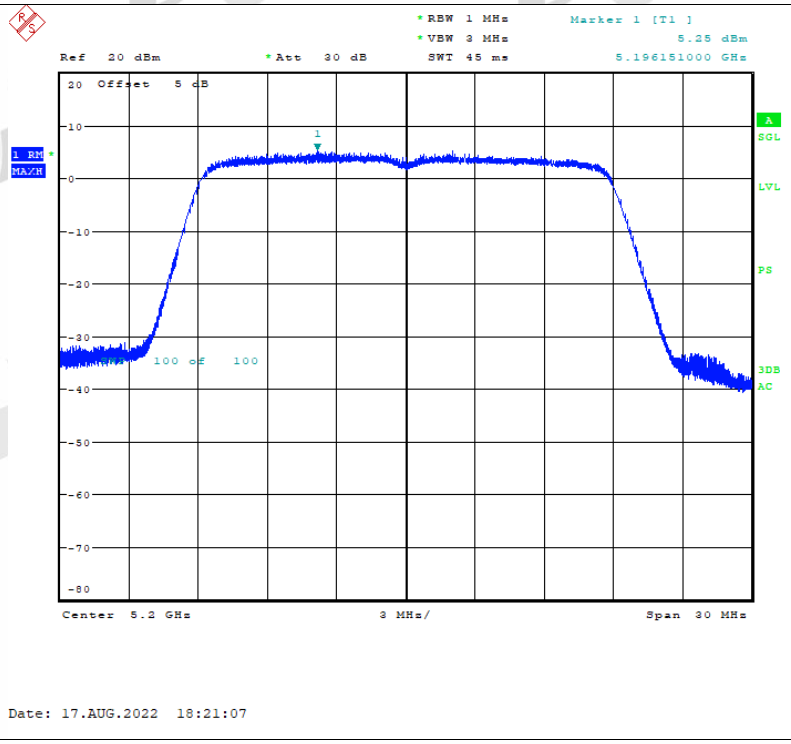

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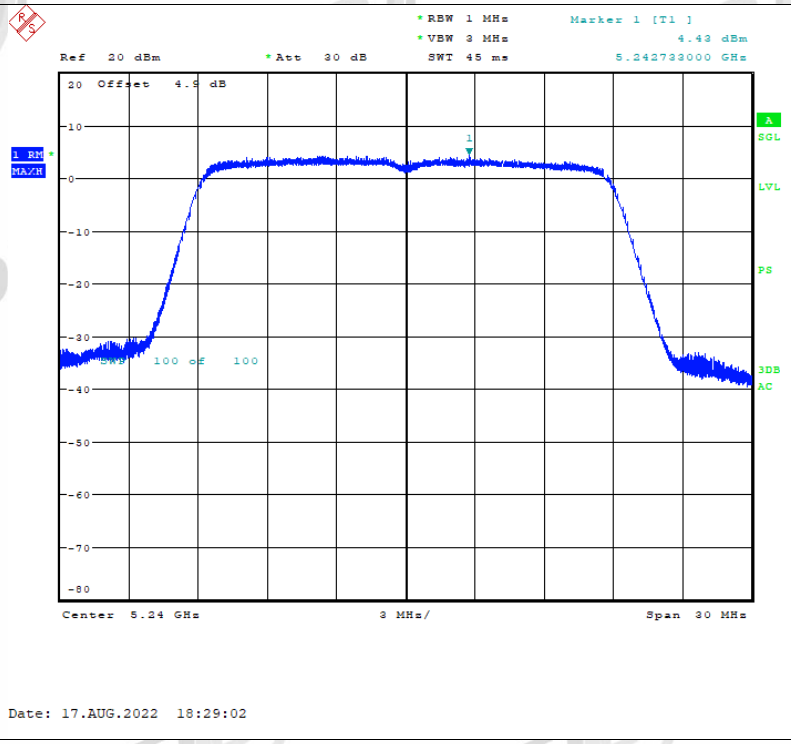

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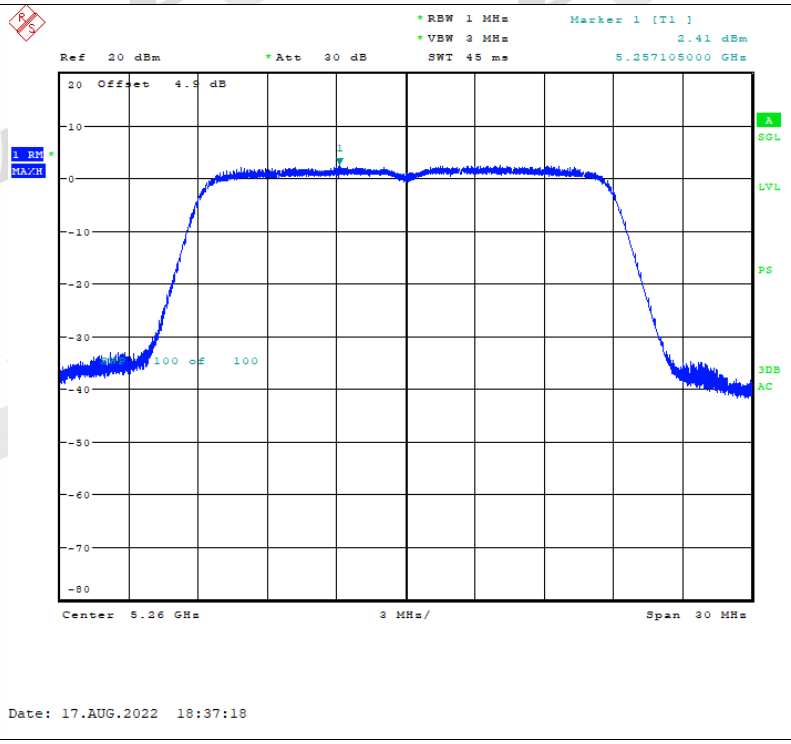

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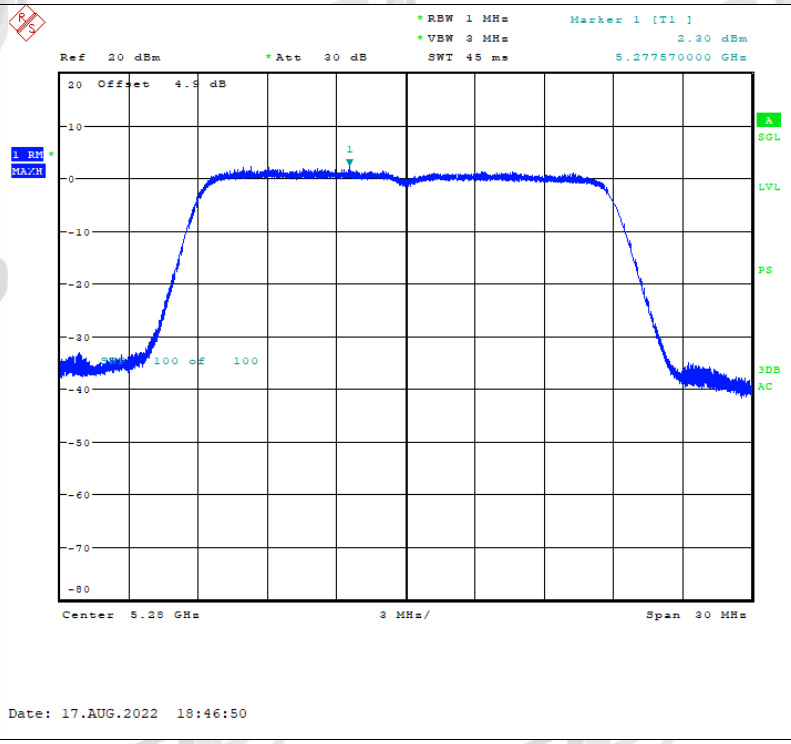

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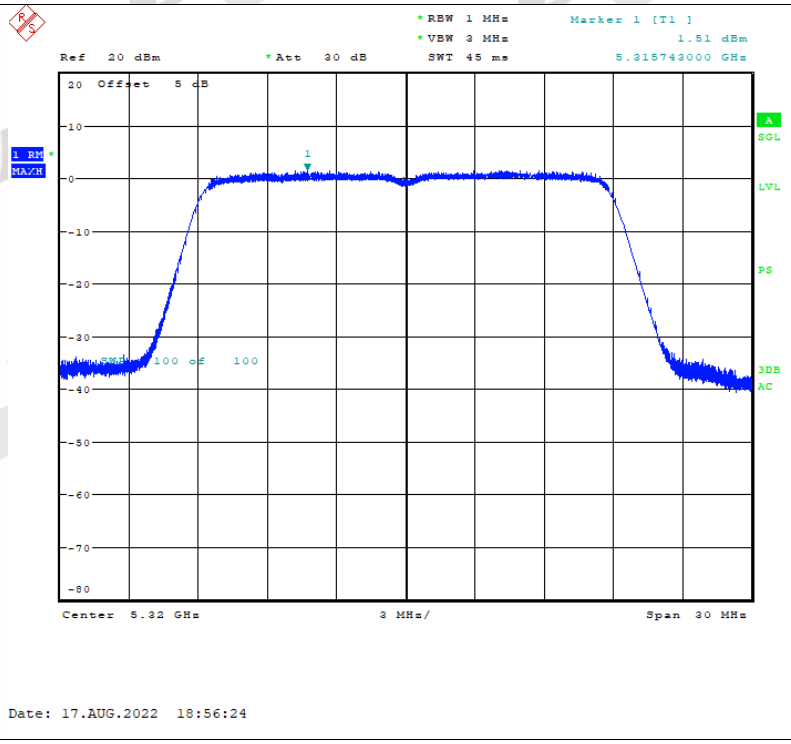

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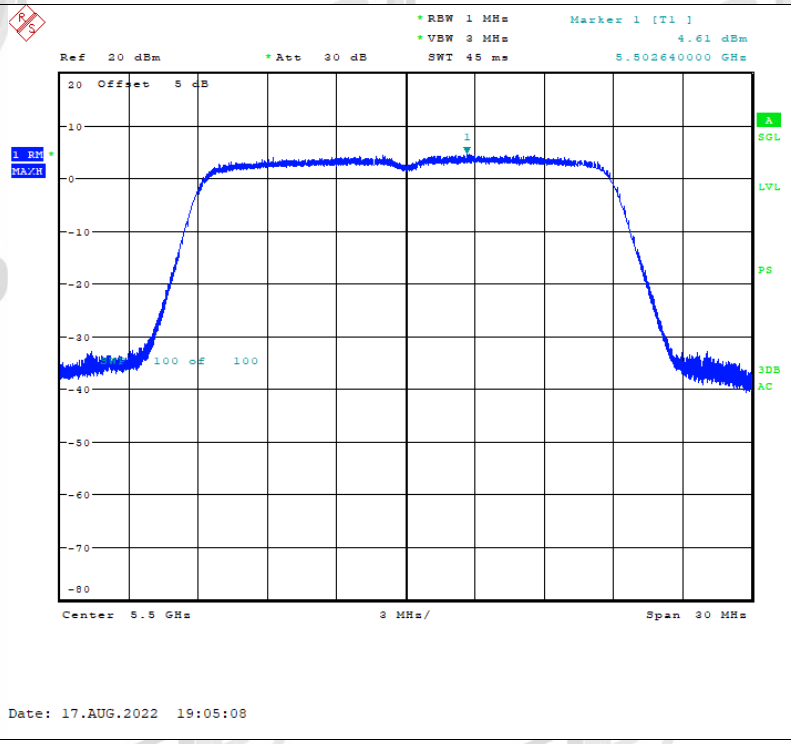

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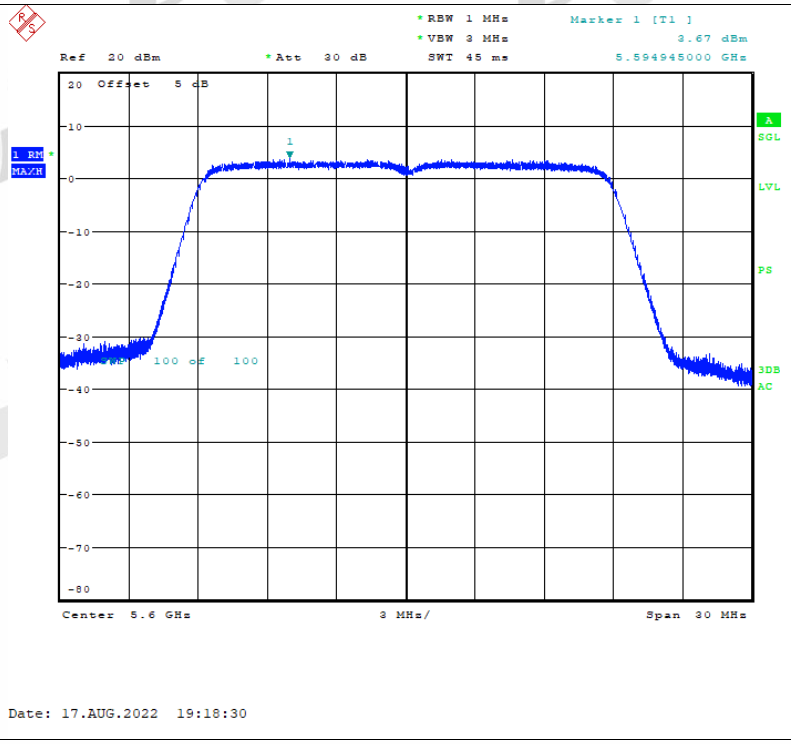

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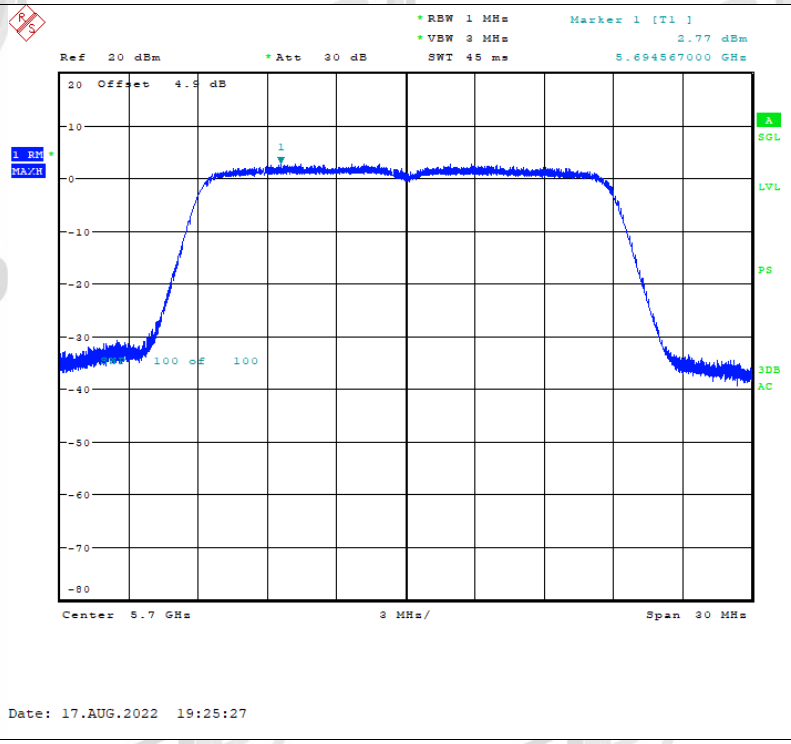

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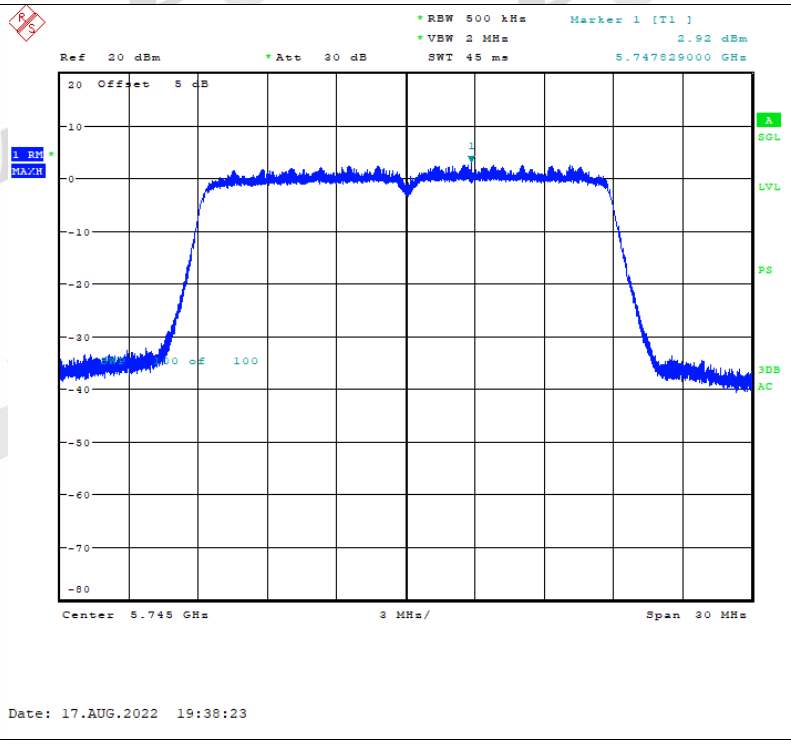

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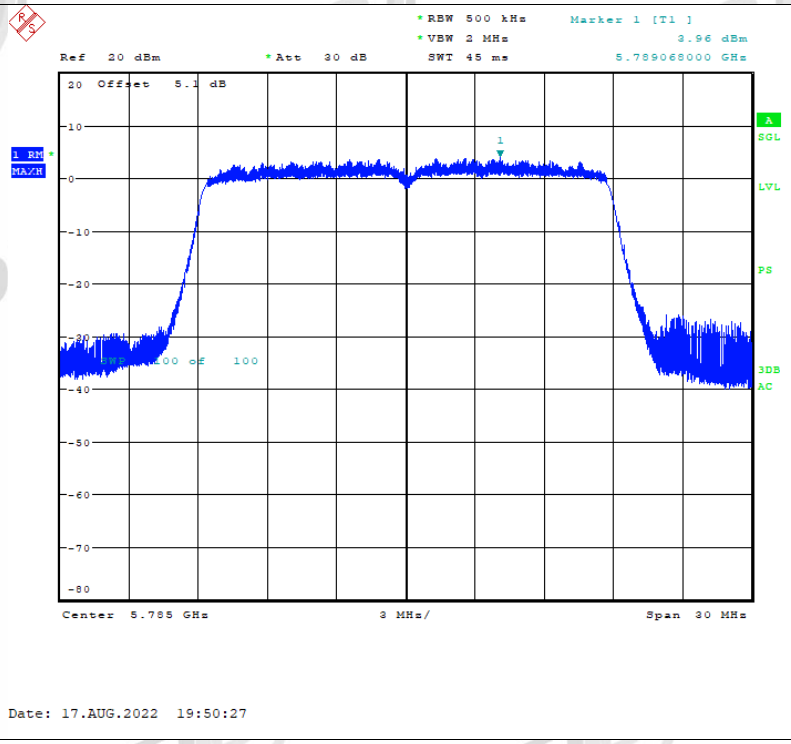

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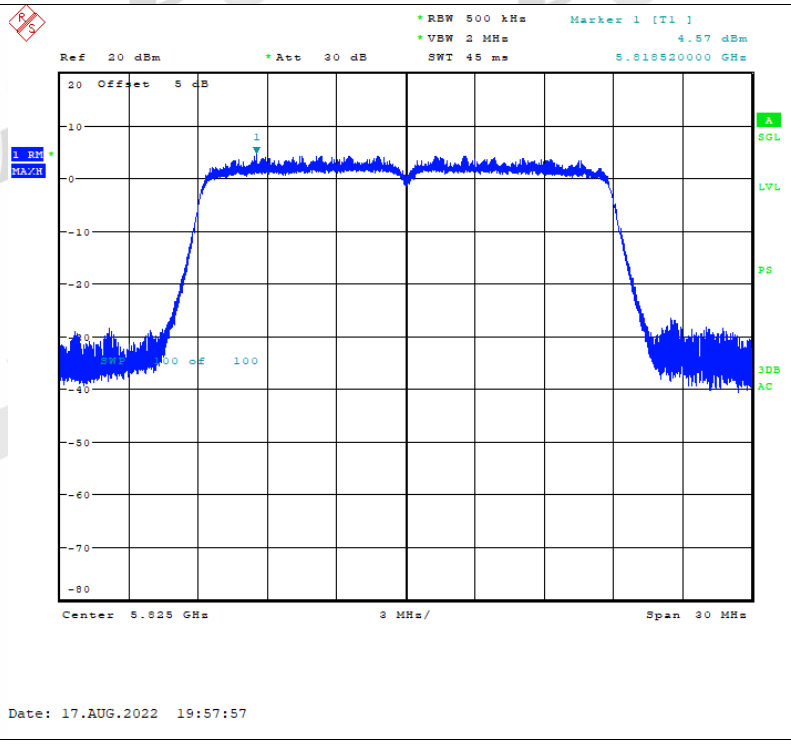

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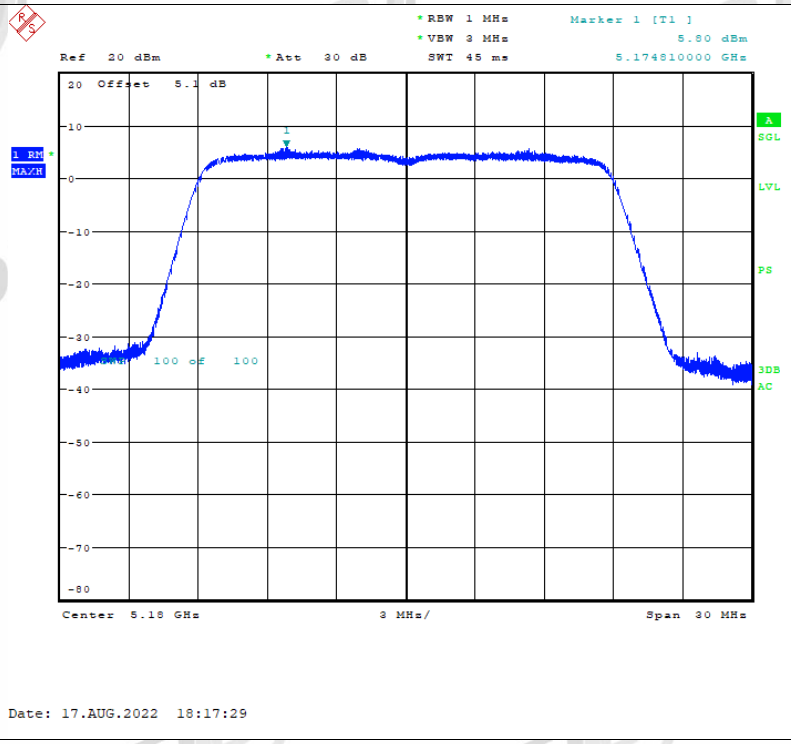

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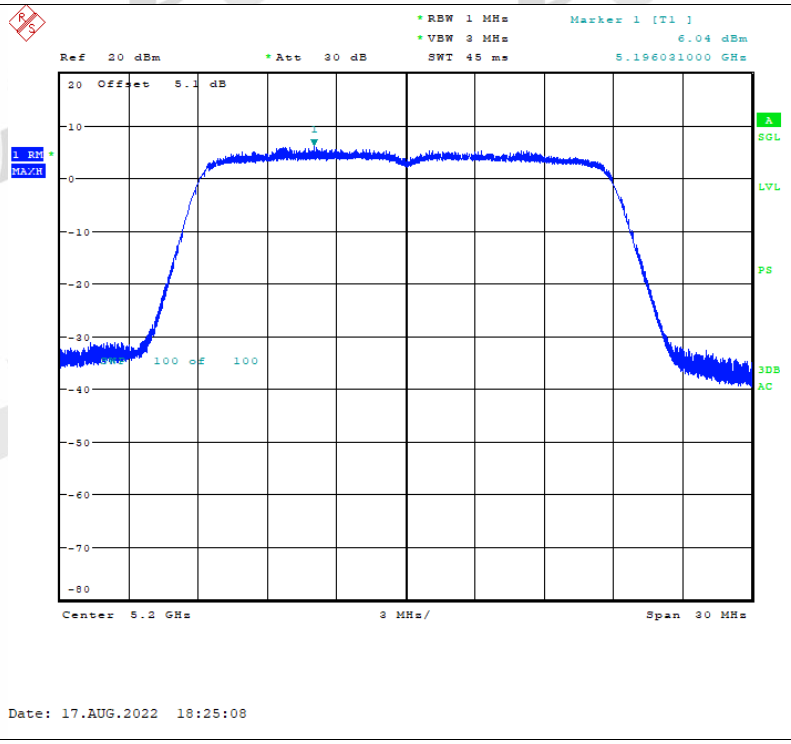

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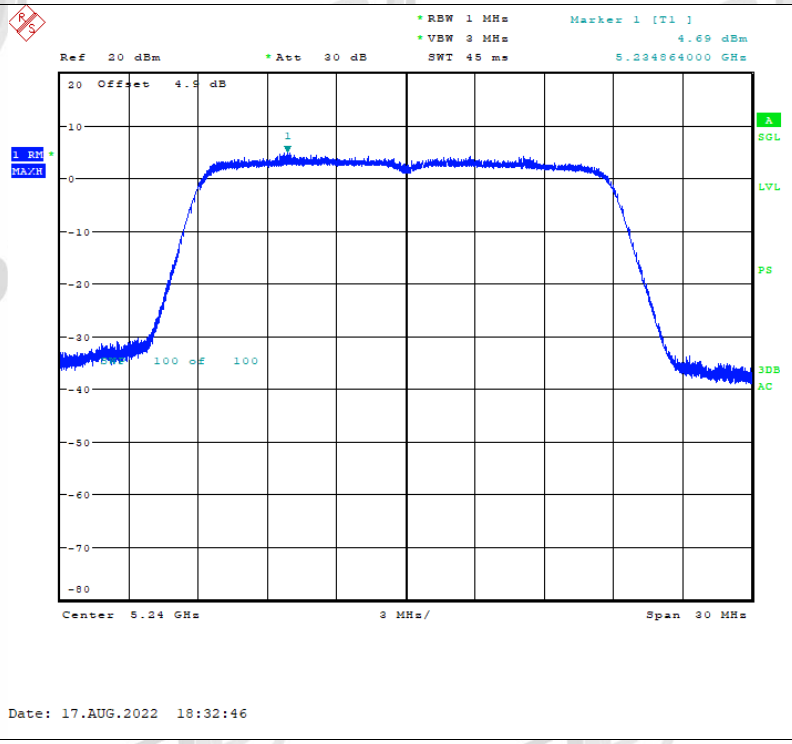

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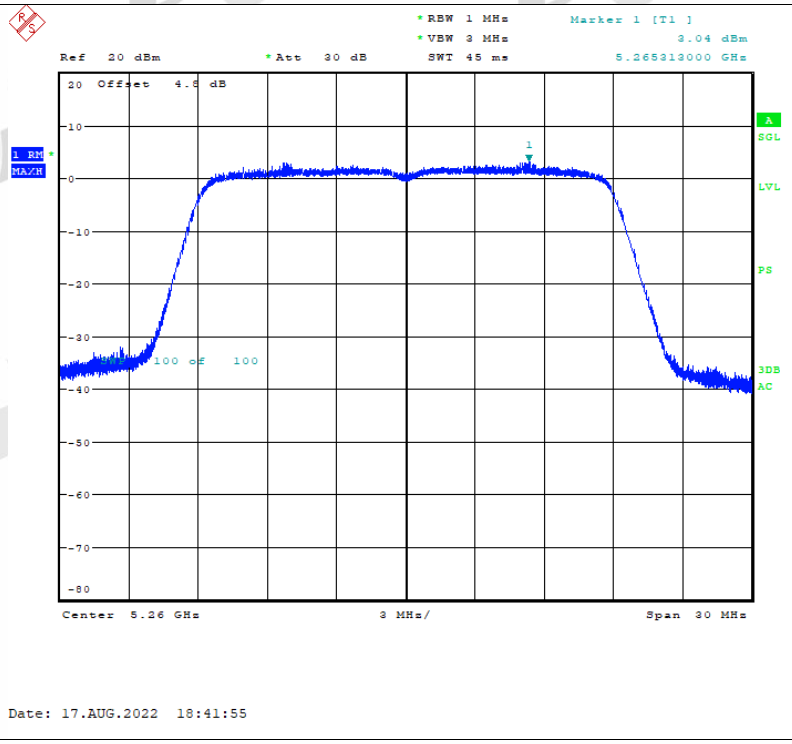

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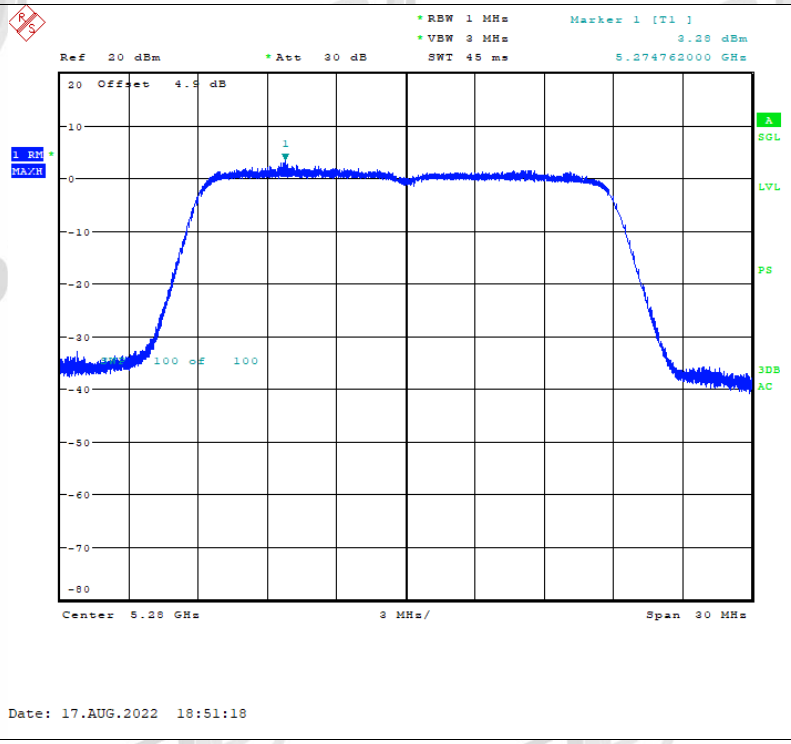

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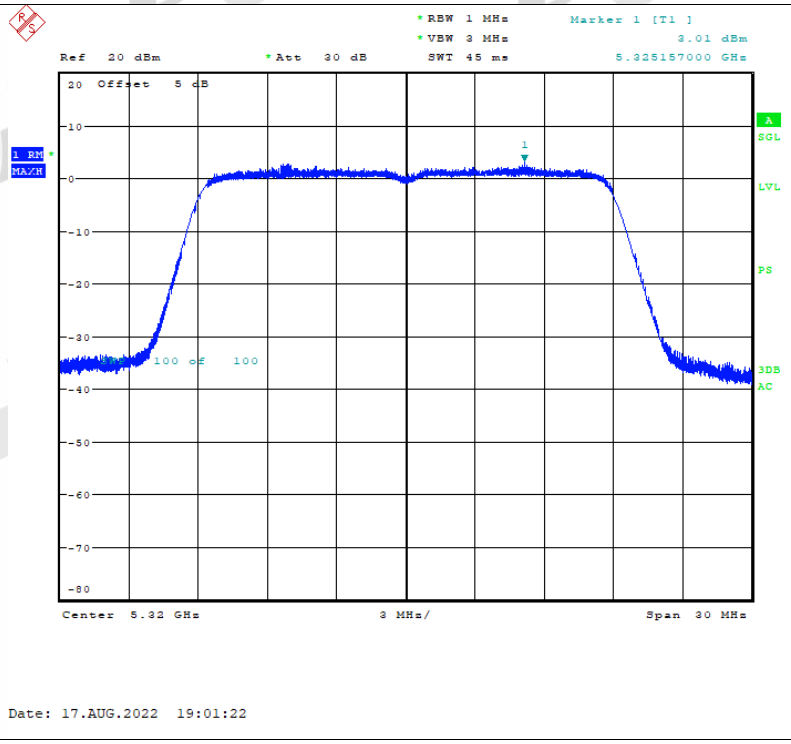

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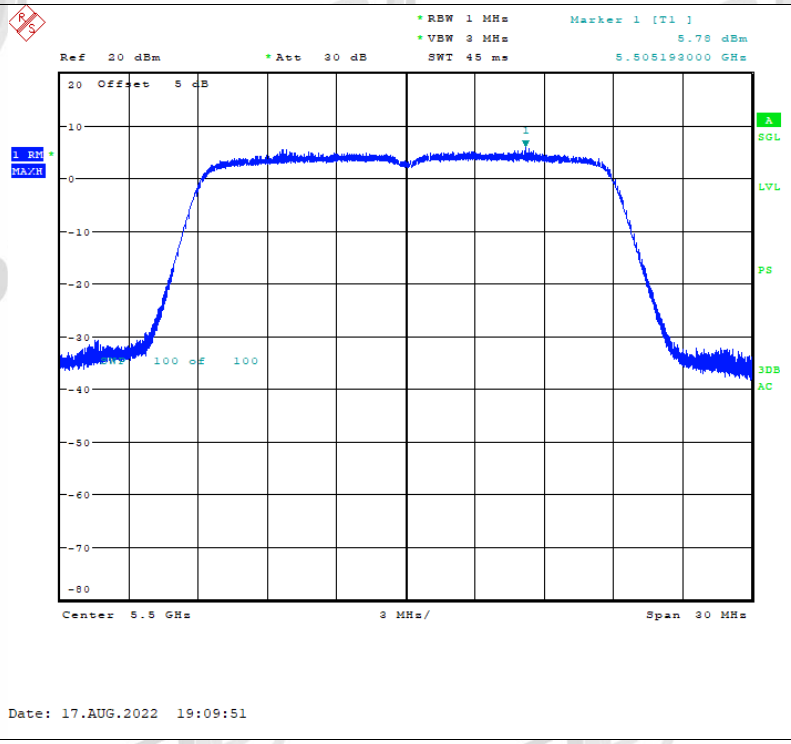

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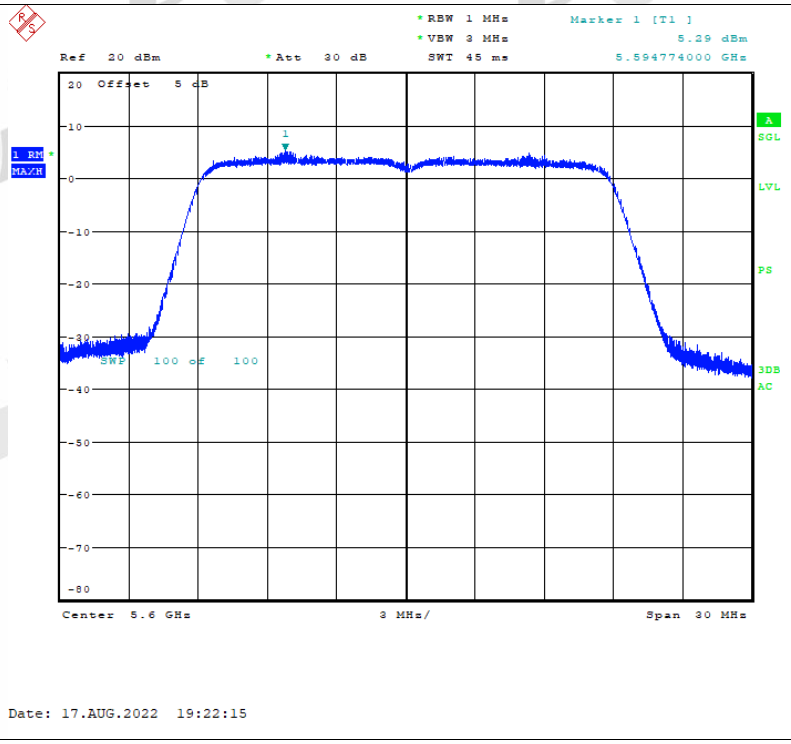

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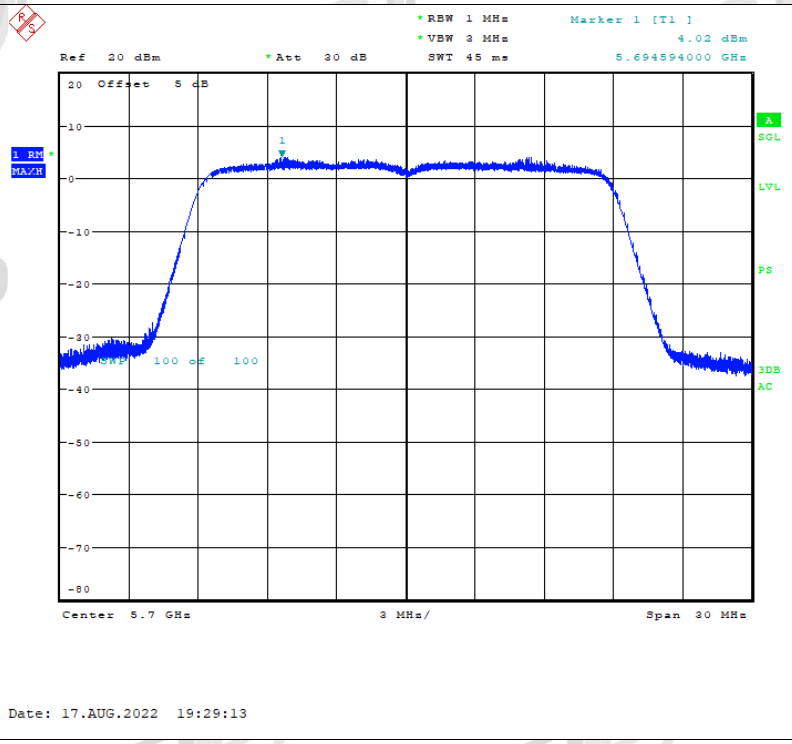

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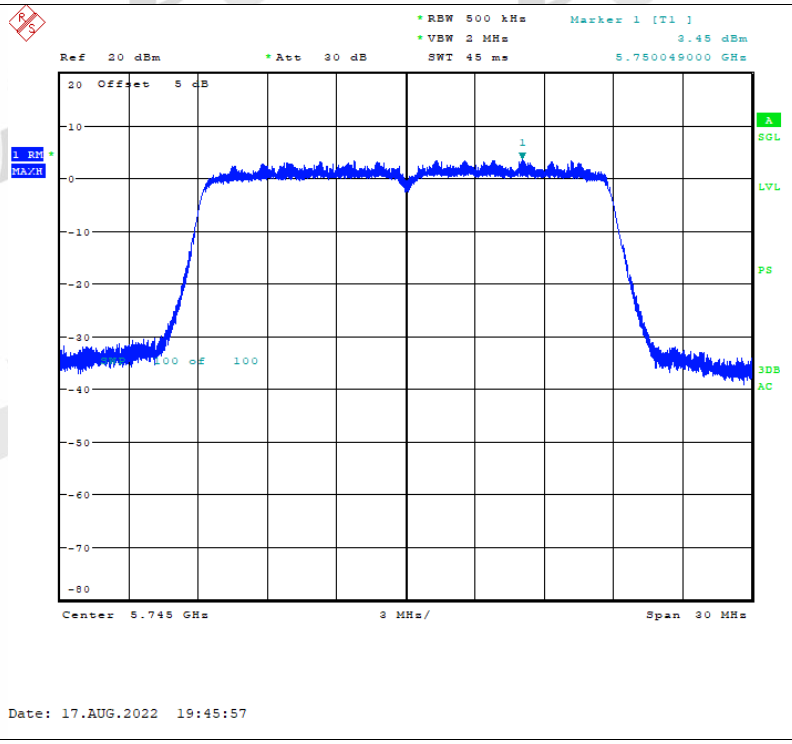

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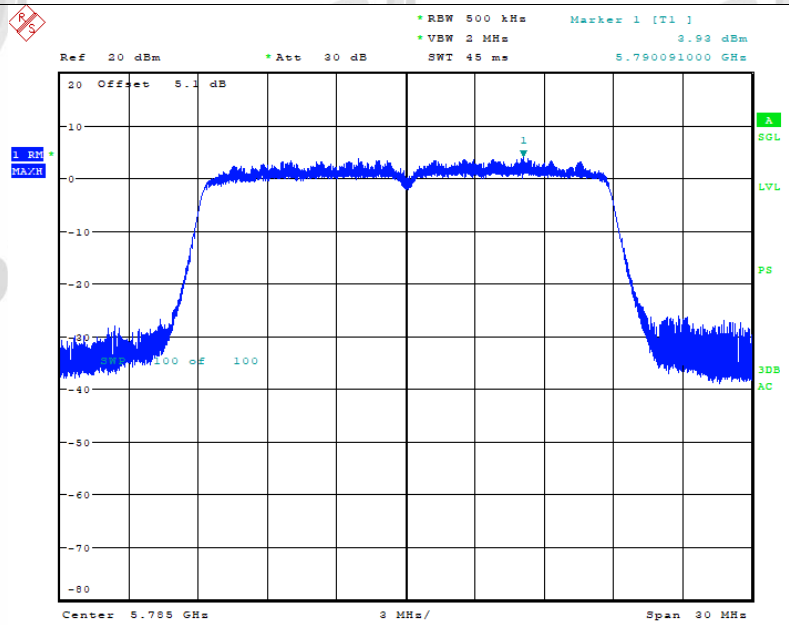

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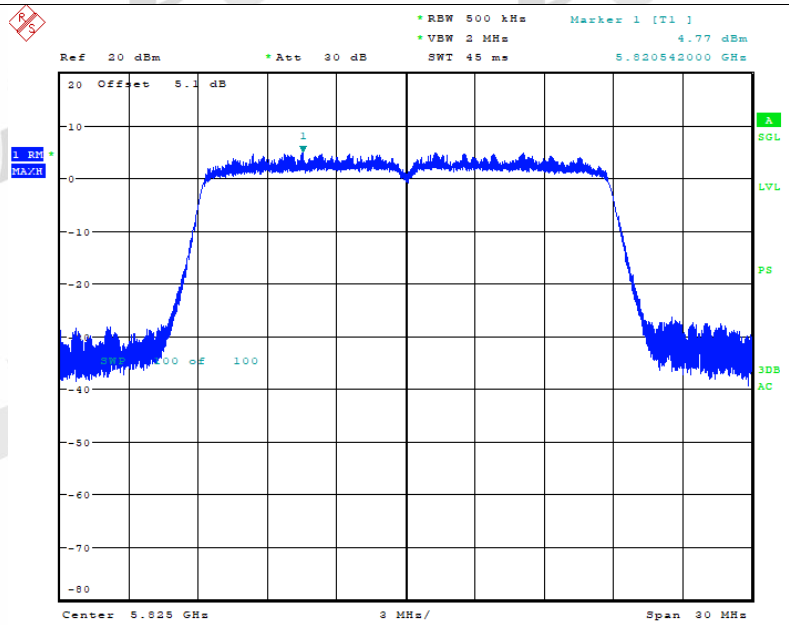


7. Frequency Stability Measurement

7.1. Limit of Frequency Stability

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

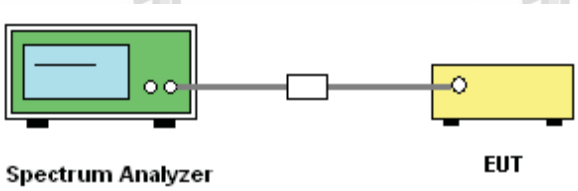
7.2. Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

7.3. Test procedures

(1) To ensure emission at the band edge is maintained within the authorized band, those values shall be measured by radiation emissions at upper and lower frequency points, and finally compensated by frequency deviation as procedures below.
(2) The EUT was operated at the maximum output power, and connected to the spectrum analyzer, which is set to maximum hold function and peak detector. The peak value of the power envelope was measured and noted. The upper and lower frequency points were respectively measured relatively 10 dB lower than the measured peak value.
(3) The frequency deviation was calculated by adding the upper frequency point and the lower frequency point divided by two. Those detailed values of frequency deviation are provided in table below.

7.4. Test setup



7.5. Test result

Normal Temperature

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
NTLV	a	5180	Ant1	5180.04	40000	7.72	25	Pass
NTNV	a	5180	Ant1	5180.04	40000	7.72	25	Pass
NTHV	a	5180	Ant1	5180.02	20000	3.86	25	Pass
NTLV	a	5200	Ant1	5200.02	20000	3.85	25	Pass
NTNV	a	5200	Ant1	5200.02	20000	3.85	25	Pass
NTHV	a	5200	Ant1	5200.02	20000	3.85	25	Pass
NTLV	a	5240	Ant1	5240.04	40000	7.63	25	Pass
NTNV	a	5240	Ant1	5240.04	40000	7.63	25	Pass
NTHV	a	5240	Ant1	5240.04	40000	7.63	25	Pass
NTLV	a	5260	Ant1	5260.04	40000	7.6	25	Pass
NTNV	a	5260	Ant1	5260.04	40000	7.6	25	Pass
NTHV	a	5260	Ant1	5260.04	40000	7.6	25	Pass
NTLV	a	5280	Ant1	5280.02	20000	3.79	25	Pass
NTNV	a	5280	Ant1	5280.02	20000	3.79	25	Pass
NTHV	a	5280	Ant1	5280.04	40000	7.58	25	Pass
NTLV	a	5320	Ant1	5320.04	40000	7.52	25	Pass
NTNV	a	5320	Ant1	5320.04	40000	7.52	25	Pass
NTHV	a	5320	Ant1	5320.04	40000	7.52	25	Pass
NTLV	a	5500	Ant1	5500.02	20000	3.64	25	Pass
NTNV	a	5500	Ant1	5500.02	20000	3.64	25	Pass
NTHV	a	5500	Ant1	5500.04	40000	7.27	25	Pass
NTLV	a	5600	Ant1	5600.04	40000	7.14	25	Pass
NTNV	a	5600	Ant1	5600.02	20000	3.57	25	Pass
NTHV	a	5600	Ant1	5600.04	40000	7.14	25	Pass
NTLV	a	5700	Ant1	5700.06	60000	10.53	25	Pass
NTNV	a	5700	Ant1	5700.04	40000	7.02	25	Pass
NTHV	a	5700	Ant1	5700.02	20000	3.51	25	Pass
NTLV	a	5745	Ant1	5745.04	40000	6.96	25	Pass
NTNV	a	5745	Ant1	5745.06	60000	10.44	25	Pass
NTHV	a	5745	Ant1	5745.06	60000	10.44	25	Pass
NTLV	a	5785	Ant1	5785.04	40000	6.91	25	Pass
NTNV	a	5785	Ant1	5785.04	40000	6.91	25	Pass
NTHV	a	5785	Ant1	5785.04	40000	6.91	25	Pass
NTLV	a	5825	Ant1	5825.02	20000	3.43	25	Pass
NTNV	a	5825	Ant1	5825.02	20000	3.43	25	Pass
NTHV	a	5825	Ant1	5825.04	40000	6.87	25	Pass
NTLV	a	5180	Ant2	5180.06	60000	11.58	25	Pass

NTNV	a	5180	Ant2	5180.04	40000	7.72	25	Pass
NTHV	a	5180	Ant2	5180.02	20000	3.86	25	Pass
NTLV	a	5200	Ant2	5200.02	20000	3.85	25	Pass
NTNV	a	5200	Ant2	5200.04	40000	7.69	25	Pass
NTHV	a	5200	Ant2	5200.02	20000	3.85	25	Pass
NTLV	a	5240	Ant2	5240.04	40000	7.63	25	Pass
NTNV	a	5240	Ant2	5240.04	40000	7.63	25	Pass
NTHV	a	5240	Ant2	5240.02	20000	3.82	25	Pass
NTLV	a	5260	Ant2	5260.02	20000	3.8	25	Pass
NTNV	a	5260	Ant2	5260.04	40000	7.6	25	Pass
NTHV	a	5260	Ant2	5260.04	40000	7.6	25	Pass
NTLV	a	5280	Ant2	5280.04	40000	7.58	25	Pass
NTNV	a	5280	Ant2	5280.06	60000	11.36	25	Pass
NTHV	a	5280	Ant2	5280.06	60000	11.36	25	Pass
NTLV	a	5320	Ant2	5320.04	40000	7.52	25	Pass
NTNV	a	5320	Ant2	5320.04	40000	7.52	25	Pass
NTHV	a	5320	Ant2	5320.04	40000	7.52	25	Pass
NTLV	a	5500	Ant2	5500.04	40000	7.27	25	Pass
NTNV	a	5500	Ant2	5500.02	20000	3.64	25	Pass
NTHV	a	5500	Ant2	5500.04	40000	7.27	25	Pass
NTLV	a	5600	Ant2	5600.04	40000	7.14	25	Pass
NTNV	a	5600	Ant2	5600.04	40000	7.14	25	Pass
NTHV	a	5600	Ant2	5600.02	20000	3.57	25	Pass
NTLV	a	5700	Ant2	5700.02	20000	3.51	25	Pass
NTNV	a	5700	Ant2	5700.02	20000	3.51	25	Pass
NTHV	a	5700	Ant2	5700.04	40000	7.02	25	Pass
NTLV	a	5745	Ant2	5745.06	60000	10.44	25	Pass
NTNV	a	5745	Ant2	5745.06	60000	10.44	25	Pass
NTHV	a	5745	Ant2	5745.06	60000	10.44	25	Pass
NTLV	a	5785	Ant2	5785.04	40000	6.91	25	Pass
NTNV	a	5785	Ant2	5785.04	40000	6.91	25	Pass
NTHV	a	5785	Ant2	5785.04	40000	6.91	25	Pass
NTLV	a	5825	Ant2	5825.02	20000	3.43	25	Pass
NTNV	a	5825	Ant2	5825.04	40000	6.87	25	Pass
NTHV	a	5825	Ant2	5825.04	40000	6.87	25	Pass
NTLV	n20	5180	Ant1	5180	0	0	25	Pass
NTNV	n20	5180	Ant1	5180.02	20000	3.86	25	Pass
NTHV	n20	5180	Ant1	5180	0	0	25	Pass
NTLV	n20	5200	Ant1	5200.02	20000	3.85	25	Pass
NTNV	n20	5200	Ant1	5200.02	20000	3.85	25	Pass
NTHV	n20	5200	Ant1	5200.04	40000	7.69	25	Pass
NTLV	n20	5240	Ant1	5240.02	20000	3.82	25	Pass
NTNV	n20	5240	Ant1	5240	0	0	25	Pass

NTHV	n20	5240	Ant1	5240.02	20000	3.82	25	Pass
NTLV	n20	5260	Ant1	5260.04	40000	7.6	25	Pass
NTNV	n20	5260	Ant1	5260.04	40000	7.6	25	Pass
NTHV	n20	5260	Ant1	5260.04	40000	7.6	25	Pass
NTLV	n20	5280	Ant1	5280.04	40000	7.58	25	Pass
NTNV	n20	5280	Ant1	5280.04	40000	7.58	25	Pass
NTHV	n20	5280	Ant1	5280.04	40000	7.58	25	Pass
NTLV	n20	5320	Ant1	5320.02	20000	3.76	25	Pass
NTNV	n20	5320	Ant1	5320.02	20000	3.76	25	Pass
NTHV	n20	5320	Ant1	5320.02	20000	3.76	25	Pass
NTLV	n20	5500	Ant1	5500.04	40000	7.27	25	Pass
NTNV	n20	5500	Ant1	5500.04	40000	7.27	25	Pass
NTHV	n20	5500	Ant1	5500.04	40000	7.27	25	Pass
NTLV	n20	5600	Ant1	5600.02	20000	3.57	25	Pass
NTNV	n20	5600	Ant1	5600.02	20000	3.57	25	Pass
NTHV	n20	5600	Ant1	5600.02	20000	3.57	25	Pass
NTLV	n20	5700	Ant1	5700.04	40000	7.02	25	Pass
NTNV	n20	5700	Ant1	5700.04	40000	7.02	25	Pass
NTHV	n20	5700	Ant1	5700.04	40000	7.02	25	Pass
NTLV	n20	5745	Ant1	5745.04	40000	6.96	25	Pass
NTNV	n20	5745	Ant1	5745.04	40000	6.96	25	Pass
NTHV	n20	5745	Ant1	5745.04	40000	6.96	25	Pass
NTLV	n20	5785	Ant1	5785.06	60000	10.37	25	Pass
NTNV	n20	5785	Ant1	5785.02	20000	3.46	25	Pass
NTHV	n20	5785	Ant1	5785.02	20000	3.46	25	Pass
NTLV	n20	5825	Ant1	5825.04	40000	6.87	25	Pass
NTNV	n20	5825	Ant1	5825.04	40000	6.87	25	Pass
NTHV	n20	5825	Ant1	5825.04	40000	6.87	25	Pass
NTLV	n20	5180	Ant2	5180.02	20000	3.86	25	Pass
NTNV	n20	5180	Ant2	5180	0	0	25	Pass
NTHV	n20	5180	Ant2	5180.02	20000	3.86	25	Pass
NTLV	n20	5200	Ant2	5200.04	40000	7.69	25	Pass
NTNV	n20	5200	Ant2	5200.02	20000	3.85	25	Pass
NTHV	n20	5200	Ant2	5200.04	40000	7.69	25	Pass
NTLV	n20	5240	Ant2	5240.04	40000	7.63	25	Pass
NTNV	n20	5240	Ant2	5240	0	0	25	Pass
NTHV	n20	5240	Ant2	5240.04	40000	7.63	25	Pass
NTLV	n20	5260	Ant2	5260.02	20000	3.8	25	Pass
NTNV	n20	5260	Ant2	5260.02	20000	3.8	25	Pass
NTHV	n20	5260	Ant2	5260.04	40000	7.6	25	Pass
NTLV	n20	5280	Ant2	5280.04	40000	7.58	25	Pass
NTNV	n20	5280	Ant2	5280.04	40000	7.58	25	Pass
NTHV	n20	5280	Ant2	5280.04	40000	7.58	25	Pass

NTLV	n20	5320	Ant2	5320.04	40000	7.52	25	Pass
NTNV	n20	5320	Ant2	5320.04	40000	7.52	25	Pass
NTHV	n20	5320	Ant2	5320.02	20000	3.76	25	Pass
NTLV	n20	5500	Ant2	5500.04	40000	7.27	25	Pass
NTNV	n20	5500	Ant2	5500.04	40000	7.27	25	Pass
NTHV	n20	5500	Ant2	5500.04	40000	7.27	25	Pass
NTLV	n20	5600	Ant2	5600	0	0	25	Pass
NTNV	n20	5600	Ant2	5600.02	20000	3.57	25	Pass
NTHV	n20	5600	Ant2	5600.04	40000	7.14	25	Pass
NTLV	n20	5700	Ant2	5700.02	20000	3.51	25	Pass
NTNV	n20	5700	Ant2	5700.04	40000	7.02	25	Pass
NTHV	n20	5700	Ant2	5700.04	40000	7.02	25	Pass
NTLV	n20	5745	Ant2	5745.04	40000	6.96	25	Pass
NTNV	n20	5745	Ant2	5745.04	40000	6.96	25	Pass
NTHV	n20	5745	Ant2	5745.04	40000	6.96	25	Pass
NTLV	n20	5785	Ant2	5785.02	20000	3.46	25	Pass
NTNV	n20	5785	Ant2	5785.02	20000	3.46	25	Pass
NTHV	n20	5785	Ant2	5785.02	20000	3.46	25	Pass
NTLV	n20	5825	Ant2	5825.06	60000	10.3	25	Pass
NTNV	n20	5825	Ant2	5825.04	40000	6.87	25	Pass
NTHV	n20	5825	Ant2	5825.04	40000	6.87	25	Pass

Normal Voltage

Condition	Mode	Frequency (MHz)	Antenna	Measured Frequency (MHz)	Frequency Error (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
-20℃	a	5180	Ant1	5180.04	40000	7.72	25	Pass
-10℃	a	5180	Ant1	5180.02	20000	3.86	25	Pass
0℃	a	5180	Ant1	5180.04	40000	7.72	25	Pass
10℃	a	5180	Ant1	5180.04	40000	7.72	25	Pass
30℃	a	5180	Ant1	5180.02	20000	3.86	25	Pass
40℃	a	5180	Ant1	5180.02	20000	3.86	25	Pass
50℃	a	5180	Ant1	5180.04	40000	7.72	25	Pass
-20℃	a	5200	Ant1	5200.02	20000	3.85	25	Pass
-10℃	a	5200	Ant1	5200.02	20000	3.85	25	Pass
0℃	a	5200	Ant1	5200.02	20000	3.85	25	Pass
10℃	a	5200	Ant1	5200.02	20000	3.85	25	Pass
30℃	a	5200	Ant1	5200.02	20000	3.85	25	Pass
40℃	a	5200	Ant1	5200.02	20000	3.85	25	Pass
50℃	a	5200	Ant1	5200.02	20000	3.85	25	Pass
-20℃	a	5240	Ant1	5240.04	40000	7.63	25	Pass
-10℃	a	5240	Ant1	5240.04	40000	7.63	25	Pass
0℃	a	5240	Ant1	5240.04	40000	7.63	25	Pass
10℃	a	5240	Ant1	5240.02	20000	3.82	25	Pass
30℃	a	5240	Ant1	5240.04	40000	7.63	25	Pass

40℃	a	5240	Ant1	5240.02	20000	3.82	25	Pass
50℃	a	5240	Ant1	5240.02	20000	3.82	25	Pass
-20℃	a	5260	Ant1	5260.06	60000	11.41	25	Pass
-10℃	a	5260	Ant1	5260.04	40000	7.6	25	Pass
0℃	a	5260	Ant1	5260.04	40000	7.6	25	Pass
10℃	a	5260	Ant1	5260.04	40000	7.6	25	Pass
30℃	a	5260	Ant1	5260.04	40000	7.6	25	Pass
40℃	a	5260	Ant1	5260.04	40000	7.6	25	Pass
50℃	a	5260	Ant1	5260.04	40000	7.6	25	Pass
-20℃	a	5280	Ant1	5280.04	40000	7.58	25	Pass
-10℃	a	5280	Ant1	5280.04	40000	7.58	25	Pass
0℃	a	5280	Ant1	5280.06	60000	11.36	25	Pass
10℃	a	5280	Ant1	5280.02	20000	3.79	25	Pass
30℃	a	5280	Ant1	5280.04	40000	7.58	25	Pass
40℃	a	5280	Ant1	5280.04	40000	7.58	25	Pass
50℃	a	5280	Ant1	5280.04	40000	7.58	25	Pass
-20℃	a	5320	Ant1	5320.06	60000	11.28	25	Pass
-10℃	a	5320	Ant1	5320.02	20000	3.76	25	Pass
0℃	a	5320	Ant1	5320.04	40000	7.52	25	Pass
10℃	a	5320	Ant1	5320.04	40000	7.52	25	Pass
30℃	a	5320	Ant1	5320.04	40000	7.52	25	Pass
40℃	a	5320	Ant1	5320.04	40000	7.52	25	Pass
50℃	a	5320	Ant1	5320.06	60000	11.28	25	Pass
-20℃	a	5500	Ant1	5500.02	20000	3.64	25	Pass
-10℃	a	5500	Ant1	5500.04	40000	7.27	25	Pass
0℃	a	5500	Ant1	5500.04	40000	7.27	25	Pass
10℃	a	5500	Ant1	5500.02	20000	3.64	25	Pass
30℃	a	5500	Ant1	5500.04	40000	7.27	25	Pass
40℃	a	5500	Ant1	5500.04	40000	7.27	25	Pass
50℃	a	5500	Ant1	5500.04	40000	7.27	25	Pass
-20℃	a	5600	Ant1	5600.02	20000	3.57	25	Pass
-10℃	a	5600	Ant1	5600.02	20000	3.57	25	Pass
0℃	a	5600	Ant1	5600.04	40000	7.14	25	Pass
10℃	a	5600	Ant1	5600.04	40000	7.14	25	Pass
30℃	a	5600	Ant1	5600.04	40000	7.14	25	Pass
40℃	a	5600	Ant1	5600.04	40000	7.14	25	Pass
50℃	a	5600	Ant1	5600.02	20000	3.57	25	Pass
-20℃	a	5700	Ant1	5700.04	40000	7.02	25	Pass
-10℃	a	5700	Ant1	5700.06	60000	10.53	25	Pass
0℃	a	5700	Ant1	5700.02	20000	3.51	25	Pass
10℃	a	5700	Ant1	5700.02	20000	3.51	25	Pass
30℃	a	5700	Ant1	5700.04	40000	7.02	25	Pass
40℃	a	5700	Ant1	5700.04	40000	7.02	25	Pass
50℃	a	5700	Ant1	5700.04	40000	7.02	25	Pass
-20℃	a	5745	Ant1	5745.04	40000	6.96	25	Pass

-10℃	a	5745	Ant1	5745.04	40000	6.96	25	Pass
0℃	a	5745	Ant1	5745.04	40000	6.96	25	Pass
10℃	a	5745	Ant1	5745.02	20000	3.48	25	Pass
30℃	a	5745	Ant1	5745.04	40000	6.96	25	Pass
40℃	a	5745	Ant1	5745.02	20000	3.48	25	Pass
50℃	a	5745	Ant1	5745.04	40000	6.96	25	Pass
-20℃	a	5785	Ant1	5785.04	40000	6.91	25	Pass
-10℃	a	5785	Ant1	5785.02	20000	3.46	25	Pass
0℃	a	5785	Ant1	5785.02	20000	3.46	25	Pass
10℃	a	5785	Ant1	5785.04	40000	6.91	25	Pass
30℃	a	5785	Ant1	5785.02	20000	3.46	25	Pass
40℃	a	5785	Ant1	5785.02	20000	3.46	25	Pass
50℃	a	5785	Ant1	5785.04	40000	6.91	25	Pass
-20℃	a	5825	Ant1	5825.02	20000	3.43	25	Pass
-10℃	a	5825	Ant1	5825.04	40000	6.87	25	Pass
0℃	a	5825	Ant1	5825.02	20000	3.43	25	Pass
10℃	a	5825	Ant1	5825.04	40000	6.87	25	Pass
30℃	a	5825	Ant1	5825.02	20000	3.43	25	Pass
40℃	a	5825	Ant1	5825.02	20000	3.43	25	Pass
50℃	a	5825	Ant1	5825.04	40000	6.87	25	Pass
-20℃	a	5180	Ant2	5180.02	20000	3.86	25	Pass
-10℃	a	5180	Ant2	5180.02	20000	3.86	25	Pass
0℃	a	5180	Ant2	5180.02	20000	3.86	25	Pass
10℃	a	5180	Ant2	5180	0	0	25	Pass
30℃	a	5180	Ant2	5180.02	20000	3.86	25	Pass
40℃	a	5180	Ant2	5180.02	20000	3.86	25	Pass
50℃	a	5180	Ant2	5180.02	20000	3.86	25	Pass
-20℃	a	5200	Ant2	5200.04	40000	7.69	25	Pass
-10℃	a	5200	Ant2	5200.02	20000	3.85	25	Pass
0℃	a	5200	Ant2	5200.02	20000	3.85	25	Pass
10℃	a	5200	Ant2	5200.02	20000	3.85	25	Pass
30℃	a	5200	Ant2	5200.02	20000	3.85	25	Pass
40℃	a	5200	Ant2	5200.02	20000	3.85	25	Pass
50℃	a	5200	Ant2	5200.02	20000	3.85	25	Pass
-20℃	a	5240	Ant2	5240.04	40000	7.63	25	Pass
-10℃	a	5240	Ant2	5240.04	40000	7.63	25	Pass
0℃	a	5240	Ant2	5240.04	40000	7.63	25	Pass
10℃	a	5240	Ant2	5240.04	40000	7.63	25	Pass
30℃	a	5240	Ant2	5240.04	40000	7.63	25	Pass
40℃	a	5240	Ant2	5240.04	40000	7.63	25	Pass
50℃	a	5240	Ant2	5240.04	40000	7.63	25	Pass
-20℃	a	5260	Ant2	5260.04	40000	7.6	25	Pass
-10℃	a	5260	Ant2	5260.04	40000	7.6	25	Pass
0℃	a	5260	Ant2	5260.04	40000	7.6	25	Pass
10℃	a	5260	Ant2	5260.04	40000	7.6	25	Pass

30℃	a	5260	Ant2	5260.04	40000	7.6	25	Pass
40℃	a	5260	Ant2	5260.04	40000	7.6	25	Pass
50℃	a	5260	Ant2	5260.04	40000	7.6	25	Pass
-20℃	a	5280	Ant2	5280.04	40000	7.58	25	Pass
-10℃	a	5280	Ant2	5280.04	40000	7.58	25	Pass
0℃	a	5280	Ant2	5280.04	40000	7.58	25	Pass
10℃	a	5280	Ant2	5280.04	40000	7.58	25	Pass
30℃	a	5280	Ant2	5280.04	40000	7.58	25	Pass
40℃	a	5280	Ant2	5280.04	40000	7.58	25	Pass
50℃	a	5280	Ant2	5280.04	40000	7.58	25	Pass
-20℃	a	5320	Ant2	5320.04	40000	7.52	25	Pass
-10℃	a	5320	Ant2	5320.04	40000	7.52	25	Pass
0℃	a	5320	Ant2	5320.04	40000	7.52	25	Pass
10℃	a	5320	Ant2	5320.04	40000	7.52	25	Pass
30℃	a	5320	Ant2	5320.06	60000	11.28	25	Pass
40℃	a	5320	Ant2	5320.02	20000	3.76	25	Pass
50℃	a	5320	Ant2	5320.04	40000	7.52	25	Pass
-20℃	a	5500	Ant2	5500.04	40000	7.27	25	Pass
-10℃	a	5500	Ant2	5500.04	40000	7.27	25	Pass
0℃	a	5500	Ant2	5500.04	40000	7.27	25	Pass
10℃	a	5500	Ant2	5500.04	40000	7.27	25	Pass
30℃	a	5500	Ant2	5500.04	40000	7.27	25	Pass
40℃	a	5500	Ant2	5500.04	40000	7.27	25	Pass
50℃	a	5500	Ant2	5500.04	40000	7.27	25	Pass
-20℃	a	5600	Ant2	5600.02	20000	3.57	25	Pass
-10℃	a	5600	Ant2	5600.04	40000	7.14	25	Pass
0℃	a	5600	Ant2	5600.04	40000	7.14	25	Pass
10℃	a	5600	Ant2	5600.02	20000	3.57	25	Pass
30℃	a	5600	Ant2	5600.02	20000	3.57	25	Pass
40℃	a	5600	Ant2	5600.02	20000	3.57	25	Pass
50℃	a	5600	Ant2	5600.02	20000	3.57	25	Pass
-20℃	a	5700	Ant2	5700.04	40000	7.02	25	Pass
-10℃	a	5700	Ant2	5700.04	40000	7.02	25	Pass
0℃	a	5700	Ant2	5700.04	40000	7.02	25	Pass
10℃	a	5700	Ant2	5700.04	40000	7.02	25	Pass
30℃	a	5700	Ant2	5700.04	40000	7.02	25	Pass
40℃	a	5700	Ant2	5700.04	40000	7.02	25	Pass
50℃	a	5700	Ant2	5700.02	20000	3.51	25	Pass
-20℃	a	5745	Ant2	5745.04	40000	6.96	25	Pass
-10℃	a	5745	Ant2	5745.06	60000	10.44	25	Pass
0℃	a	5745	Ant2	5745.02	20000	3.48	25	Pass
10℃	a	5745	Ant2	5745.06	60000	10.44	25	Pass
30℃	a	5745	Ant2	5745.06	60000	10.44	25	Pass
40℃	a	5745	Ant2	5745.06	60000	10.44	25	Pass
50℃	a	5745	Ant2	5745.04	40000	6.96	25	Pass

-20℃	a	5785	Ant2	5785.02	20000	3.46	25	Pass
-10℃	a	5785	Ant2	5785.02	20000	3.46	25	Pass
0℃	a	5785	Ant2	5785.02	20000	3.46	25	Pass
10℃	a	5785	Ant2	5785.02	20000	3.46	25	Pass
30℃	a	5785	Ant2	5785.04	40000	6.91	25	Pass
40℃	a	5785	Ant2	5785.04	40000	6.91	25	Pass
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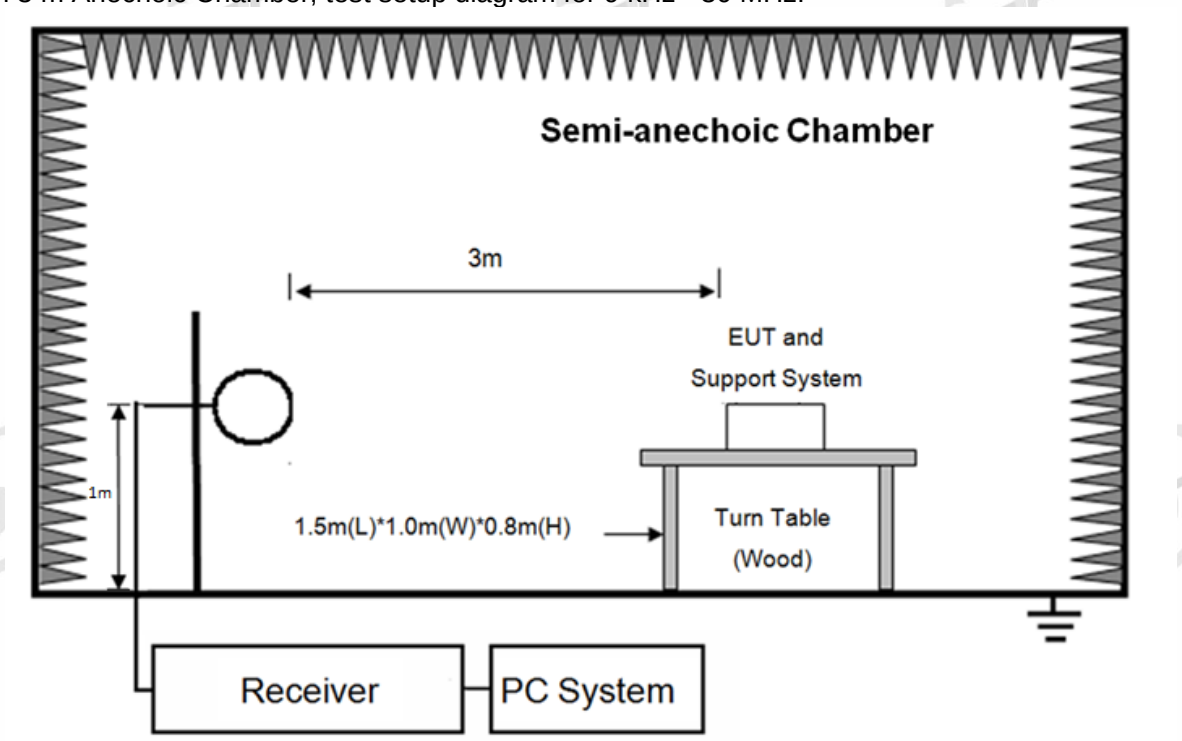
-20℃	ac20	5200	Ant2	5200.04	40000	7.69	25	Pass
-10℃	ac20	5200	Ant2	5200.02	20000	3.85	25	Pass
0℃	ac20	5200	Ant2	5200.04	40000	7.69	25	Pass
10℃	ac20	5200	Ant2	5200.04	40000	7.69	25	Pass
30℃	ac20	5200	Ant2	5200.04	40000	7.69	25	Pass
40℃	ac20	5200	Ant2	5200.04	40000	7.69	25	Pass
50℃	ac20	5200	Ant2	5200.02	20000	3.85	25	Pass
-20℃	ac20	5240	Ant2	5240.02	20000	3.82	25	Pass
-10℃	ac20	5240	Ant2	5240.02	20000	3.82	25	Pass
0℃	ac20	5240	Ant2	5240.04	40000	7.63	25	Pass
10℃	ac20	5240	Ant2	5240.04	40000	7.63	25	Pass
30℃	ac20	5240	Ant2	5240.04	40000	7.63	25	Pass
40℃	ac20	5240	Ant2	5240.02	20000	3.82	25	Pass
50℃	ac20	5240	Ant2	5240.04	40000	7.63	25	Pass
-20℃	ac20	5260	Ant2	5260.04	40000	7.6	25	Pass
-10℃	ac20	5260	Ant2	5260.06	60000	11.41	25	Pass
0℃	ac20	5260	Ant2	5260.06	60000	11.41	25	Pass
10℃	ac20	5260	Ant2	5260.04	40000	7.6	25	Pass
30℃	ac20	5260	Ant2	5260.04	40000	7.6	25	Pass
40℃	ac20	5260	Ant2	5260.02	20000	3.8	25	Pass
50℃	ac20	5260	Ant2	5260.04	40000	7.6	25	Pass
-20℃	ac20	5280	Ant2	5280.04	40000	7.58	25	Pass
-10℃	ac20	5280	Ant2	5280.02	20000	3.79	25	Pass
0℃	ac20	5280	Ant2	5280.04	40000	7.58	25	Pass
10℃	ac20	5280	Ant2	5280.02	20000	3.79	25	Pass
30℃	ac20	5280	Ant2	5280.04	40000	7.58	25	Pass
40℃	ac20	5280	Ant2	5280.02	20000	3.79	25	Pass
50℃	ac20	5280	Ant2	5280.04	40000	7.58	25	Pass
-20℃	ac20	5320	Ant2	5320.02	20000	3.76	25	Pass
-10℃	ac20	5320	Ant2	5320.04	40000	7.52	25	Pass
0℃	ac20	5320	Ant2	5320.04	40000	7.52	25	Pass
10℃	ac20	5320	Ant2	5320.04	40000	7.52	25	Pass
30℃	ac20	5320	Ant2	5320.04	40000	7.52	25	Pass
40℃	ac20	5320	Ant2	5320.04	40000	7.52	25	Pass
50℃	ac20	5320	Ant2	5320.02	20000	3.76	25	Pass
-20℃	ac20	5500	Ant2	5500.02	20000	3.64	25	Pass
-10℃	ac20	5500	Ant2	5500.02	20000	3.64	25	Pass
0℃	ac20	5500	Ant2	5500.04	40000	7.27	25	Pass
10℃	ac20	5500	Ant2	5500.02	20000	3.64	25	Pass
30℃	ac20	5500	Ant2	5500.04	40000	7.27	25	Pass
40℃	ac20	5500	Ant2	5500.04	40000	7.27	25	Pass
50℃	ac20	5500	Ant2	5500.04	40000	7.27	25	Pass

-20℃	ac20	5600	Ant2	5600.02	20000	3.57	25	Pass
-10℃	ac20	5600	Ant2	5600.02	20000	3.57	25	Pass
0℃	ac20	5600	Ant2	5600.02	20000	3.57	25	Pass
10℃	ac20	5600	Ant2	5600.02	20000	3.57	25	Pass
30℃	ac20	5600	Ant2	5600.06	60000	10.71	25	Pass
40℃	ac20	5600	Ant2	5600.04	40000	7.14	25	Pass
50℃	ac20	5600	Ant2	5600.06	60000	10.71	25	Pass
-20℃	ac20	5700	Ant2	5700.04	40000	7.02	25	Pass
-10℃	ac20	5700	Ant2	5700.04	40000	7.02	25	Pass
0℃	ac20	5700	Ant2	5700.04	40000	7.02	25	Pass
10℃	ac20	5700	Ant2	5700.04	40000	7.02	25	Pass
30℃	ac20	5700	Ant2	5700.04	40000	7.02	25	Pass
40℃	ac20	5700	Ant2	5700.04	40000	7.02	25	Pass
50℃	ac20	5700	Ant2	5700.04	40000	7.02	25	Pass
-20℃	ac20	5745	Ant2	5745.06	60000	10.44	25	Pass
-10℃	ac20	5745	Ant2	5745.06	60000	10.44	25	Pass
0℃	ac20	5745	Ant2	5745.04	40000	6.96	25	Pass
10℃	ac20	5745	Ant2	5745.04	40000	6.96	25	Pass
30℃	ac20	5745	Ant2	5745.04	40000	6.96	25	Pass
40℃	ac20	5745	Ant2	5745.04	40000	6.96	25	Pass
50℃	ac20	5745	Ant2	5745.06	60000	10.44	25	Pass
-20℃	ac20	5785	Ant2	5785.04	40000	6.91	25	Pass
-10℃	ac20	5785	Ant2	5785.04	40000	6.91	25	Pass
0℃	ac20	5785	Ant2	5785.02	20000	3.46	25	Pass
10℃	ac20	5785	Ant2	5785.04	40000	6.91	25	Pass
30℃	ac20	5785	Ant2	5785.04	40000	6.91	25	Pass
40℃	ac20	5785	Ant2	5785.04	40000	6.91	25	Pass
50℃	ac20	5785	Ant2	5785.04	40000	6.91	25	Pass
-20℃	ac20	5825	Ant2	5825.04	40000	6.87	25	Pass
-10℃	ac20	5825	Ant2	5825.04	40000	6.87	25	Pass
0℃	ac20	5825	Ant2	5825.04	40000	6.87	25	Pass
10℃	ac20	5825	Ant2	5825.04	40000	6.87	25	Pass
30℃	ac20	5825	Ant2	5825.04	40000	6.87	25	Pass
40℃	ac20	5825	Ant2	5825.04	40000	6.87	25	Pass
50℃	ac20	5825	Ant2	5825.04	40000	6.87	25	Pass

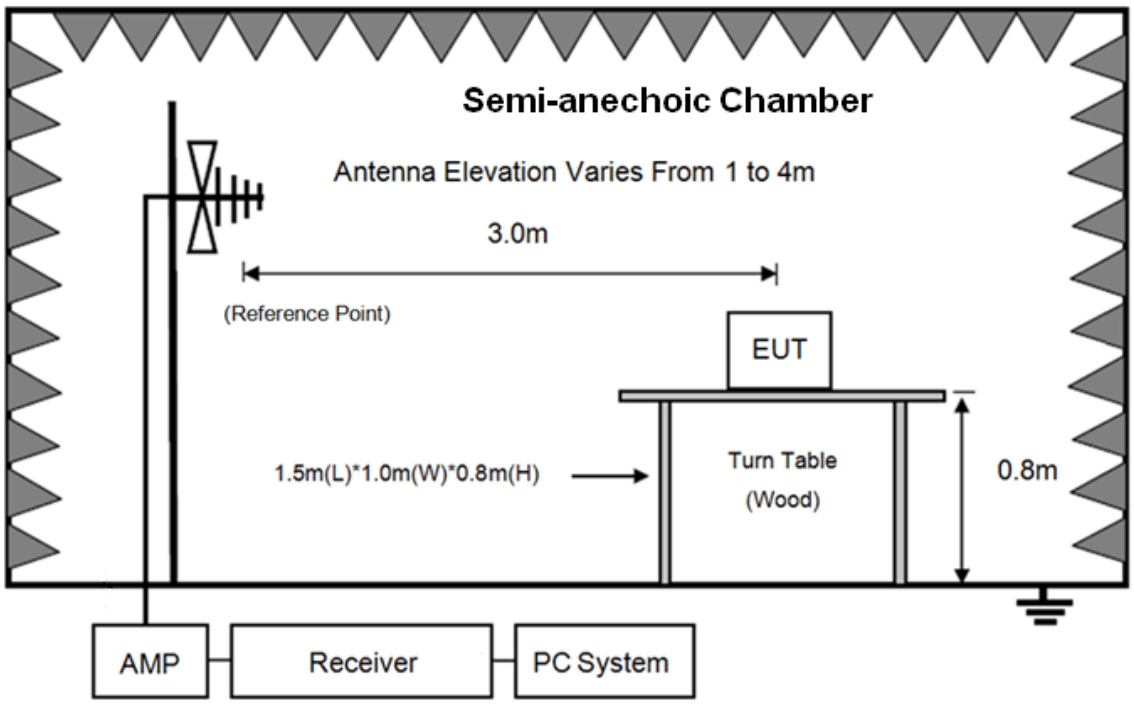
8. Emissions in restricted frequency bands

8.1. Block diagram of test setup

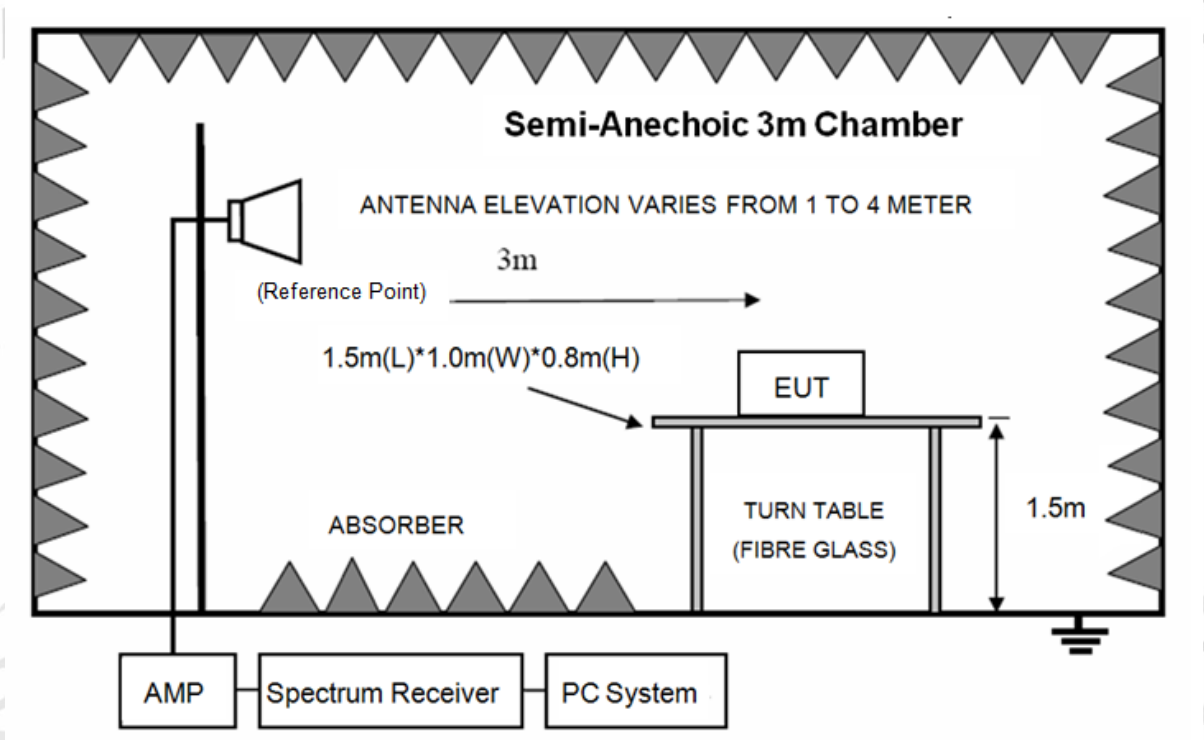
In 3 m Anechoic Chamber, test setup diagram for 9 kHz - 30 MHz:



In 3 m Anechoic Chamber, test setup diagram for 30 MHz - 1 GHz:



In 3 m Anechoic Chamber, test setup diagram for frequency above 1 GHz:



Note: For harmonic emissions test an appropriate high pass filter was inserted in the input port of AMP.

8.2. Limit

(1) FCC 15.205 Restricted frequency band

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
[1]0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	([2])
13.36-13.41			

[1]Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

[2]Above 38.6

(2) FCC 15.209 Limit.

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		μV/m	dB(μV)/m
0.009 ~ 0.490	300	2400/F(kHz)	67.6-20log(F)
0.490 ~ 1.705	30	24000/F(kHz)	87.6-20log(F)
1.705 ~ 30.0	30	30	29.54
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
960 ~ 1000	3	500	54.0
Above 1000	3	74.0 dB(μV)/m (Peak) 54.0 dB(μV)/m (Average)	

Note: (1) The emission limits shown in the above table are based on measurements employing a CISPR QP detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000MHz.Radiated emissions limits in these three bands are based on measurements employing an average detector.

(2) At frequencies below 30MHz, measurement may be performed at a distance closer than that specified, and the limit at closer measurement distance can be extrapolated by below formula:

$$Limit_{3m}(dBuV/m) = Limit_{30m}(dBuV/m) + 40Log(30m/3m)$$

8.3.3 Limit for this EUT

All the emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions shall be at least 20dB below the fundamental emissions or comply with 15.209 limits.

8.3. Test procedure

(1) EUT height should be 0.8 m for below 1 GHz at a semi‐anechoic chamber while EUT height should be 1.5 m for above 1GHz at full chamber or semi‐anechoic chamber ground with absorbers

(2) Setup EUT and assistant system according clause 2.3 and 8.2

(3) The antenna used as below table.

Test frequency range	Test antenna used	Test distance
9 kHz-30 MHz	Active Loop antenna	3 m
30 MHz-1 GHz	Trilog Broadband Antenna	3 m
1 GHz-18 GHz	Double Ridged Horn Antenna(1GHz-18GHz)	3 m
18 GHz-40 GHz	Horn Antenna(18GHz-40GHz)	3 m

According ANSI C63.10:2020 clause 6.4.4.2 and 6,5.3, for measurements below 30 MHz, the loop antenna was positioned with its plane vertical from the EUT and rotated about its vertical

axis for maximum response at each azimuth position around the EUT. And the loop antenna also be positioned with its plane horizontal at the specified distance from the EUT. The center of the loop is 1 m above the ground. for measurement above 30 MHz, the Trilog Broadband Antenna was located 3 m, Horn Antenna was located 3 m from EUT, Measurements were made with the antenna positioned in both the horizontal and vertical planes of Polarization, and the measurement antenna was varied from 1 m to 4 m. in height above the reference ground plane to obtain the maximum signal strength.

(4) Below pre-scan procedure was first performed in order to find prominent frequency spectrum radiated emissions from 9 kHz to 40 GHz:

(a) Scanning the peak frequency spectrum with the antenna specified in step (3), and the EUT was rotated 360 degrees, the antenna height was varied from 1 m to 4 m (Except loop antenna, it's fixed 1m above ground.)

(b) Change work frequency or channel of device if practicable.

(c) Change modulation type of device if practicable.

(d) Change power supply range from 85% to 115% of the rated supply voltage

(e) Rotated EUT though three orthogonal axes to determine the attitude of EUT arrangement produces highest emissions.

Spectrum frequency from 9 kHz to 40 GHz (tenth harmonic of fundamental frequency) was investigated, and no any obvious emission were detected from 9 kHz to 30 MHz and 18 GHz to 40 GHz, so below final test was performed with frequency range from 30 MHz to 18 GHz.

(5) For final emissions measurements at each frequency of interest, the EUT was rotated and the antenna height was varied between 1m and 4m in order to maximize the emission. Measurements in both horizontal and vertical polarities were made and the data was recorded. In order to find the maximum emission, the relative positions of equipment and all of the interface cables were changed according to ANSI C63.10:2020 on Radiated Emission test.

(6) The emissions from 9 kHz to 1 GHz were measured based on CISPR QP detector except for the frequency bands 9-90 kHz, 110-490 kHz, for emissions from 9 kHz-90kHz,110kHz-490kHz and above 1GHz were measured based on average detector, for emissions above 1 GHz, peak emissions also be measured and need comply with Peak limit.

(7) The emissions from 9 kHz to 1 GHz, QP or average values were measured with EMI receiver with below RBW

Frequency band	RBW
9 kHz-150 kHz	200 Hz
150 kHz-30 MHz	9 kHz
30 MHz-1 GHz	120 kHz

(8) For emissions above 1 GHz, both Peak and Average level were measured with Spectrum Analyzer, and the RBW is set at 1 MHz, VBW is set at 3MHz for Peak measure, the RBW is set at 1 MHz, VBW is set at 1/T (T is transmitting time in one period) Hz for AV value.

8.4. Test result

PASS. (See below detailed test result)

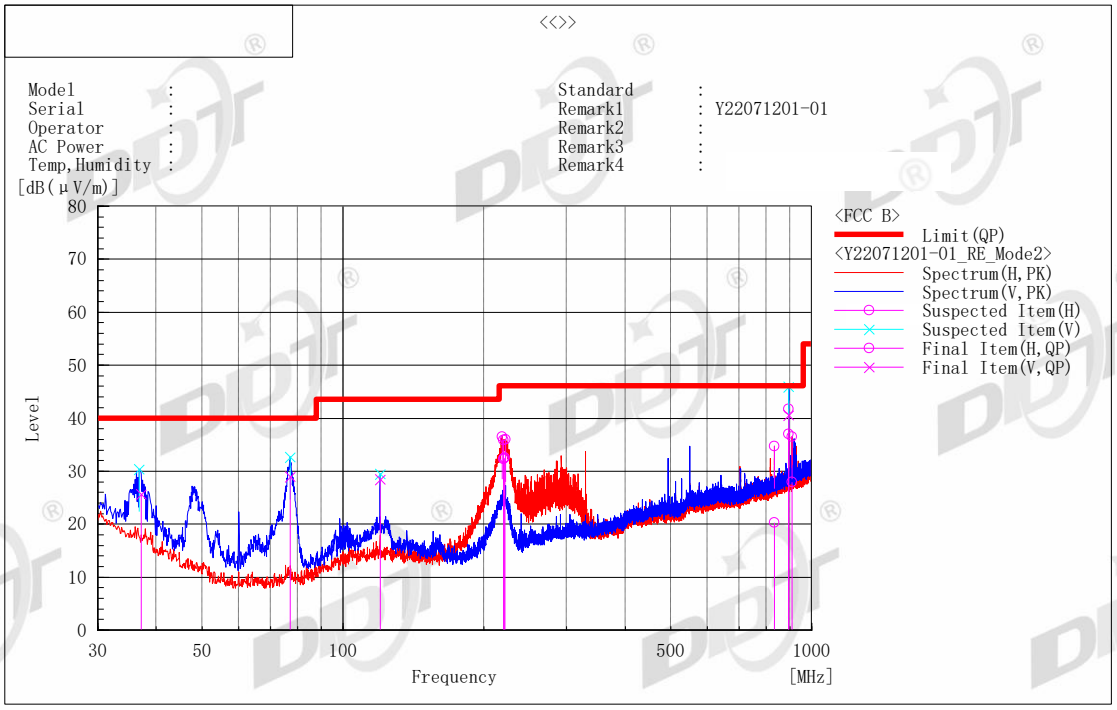
All the emissions except fundamental emission from 9kHz to 40GHz were comply with 15.209 limit.

Note1: According exploratory test, the emission levels are 20 dB below the limit detected from 9 kHz to 30 MHz and 18 GHz to 40 GHz, so the final test was performed with frequency range from 30 MHz to 18 GHz and recorded in below.

Note2: For emissions below 1 GHz, according exploratory explorer test, when change Tx mode and channel, have no distinct influence on emissions level, so for emissions below 1 GHz, the final test was only performed with EUT working in transmission mode.

Note3: According exploratory test, the worst case is 802.11a mode.

Radiated Emission test (30MHz- 1GHz)



Final Result

No.	Frequency [MHz]	(P)	Reading QP [dB(μV)]	c.f [dB(1/m)]	Result QP [dB(μV/m)]	Limit QP [dB(μV/m)]	Margin QP [dB]	Height [cm]	Angle [°]	System	Remark
1	219.728	H	44.8	-12.5	32.3	46.0	13.7	100.0	255.8	1	
2	221.893	H	44.9	-12.4	32.5	46.0	13.5	100.0	272.3	1	
3	220.886	H	44.9	-12.5	32.4	46.0	13.6	100.0	296.5	1	
4	893.333	H	33.7	3.3	37.0	46.0	9.0	100.0	8.5	1	
5	831.634	H	17.9	2.4	20.3	46.0	25.7	100.0	270.1	1	
6	907.516	H	24.4	3.5	27.9	46.0	18.1	100.0	48.8	1	
7	893.234	V	36.8	3.8	40.6	46.0	5.4	300.0	78.9	2	
8	77.170	V	44.3	-15.4	28.9	40.0	11.1	197.0	47.8	2	
9	37.133	V	33.4	-7.7	25.7	40.0	14.3	300.0	145.2	2	
10	120.009	V	38.0	-9.6	28.4	43.5	15.1	300.0	18.8	2	

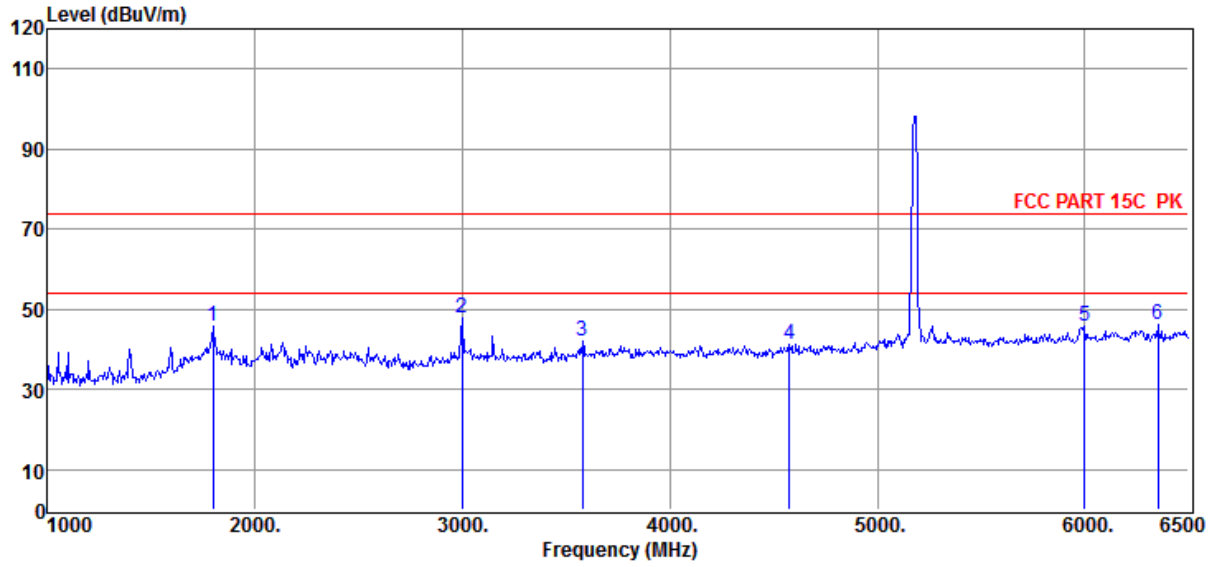
Note) Receiving antenna polarization: Horizontal and/or Vertical
Test Distance: 3 m, Antenna Height: 1 m to 4 m
Level QP (Quasi-Peak) = Reading QP + Factor (Antenna Factor + Cable Loss - Amp. Gain)
Margin QP (Quasi-Peak) = Limit – Level QP

Radiated Emission test (1GHz – 6.5GHz)

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-23-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5180MHz			

Data: 172



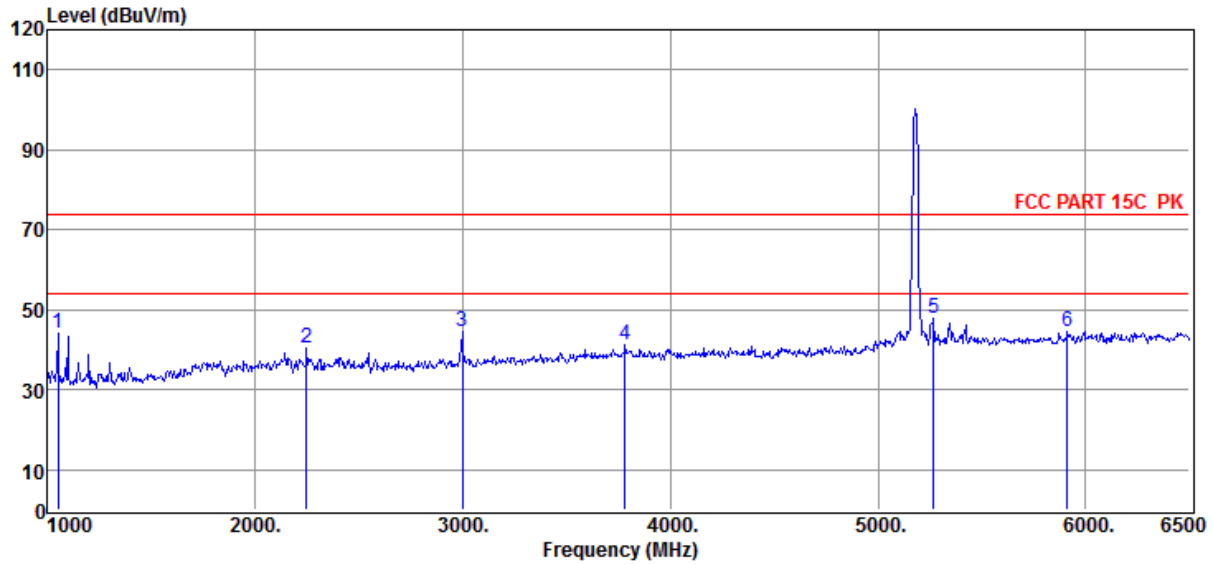
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1797.50	52.91	27.34	-34.41	45.84	74.00	-28.16	Peak	VERTICAL
2	2996.50	52.10	29.19	-33.54	47.75	74.00	-26.25	Peak	VERTICAL
3	3579.50	44.27	30.59	-33.00	41.86	74.00	-32.14	Peak	VERTICAL
4	4575.00	41.44	32.05	-32.29	41.20	74.00	-32.80	Peak	VERTICAL
5	5999.50	42.95	35.30	-32.53	45.72	74.00	-28.28	Peak	VERTICAL
6	6351.50	43.03	35.65	-32.50	46.18	74.00	-27.82	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-23-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5180MHz			

Data: 173



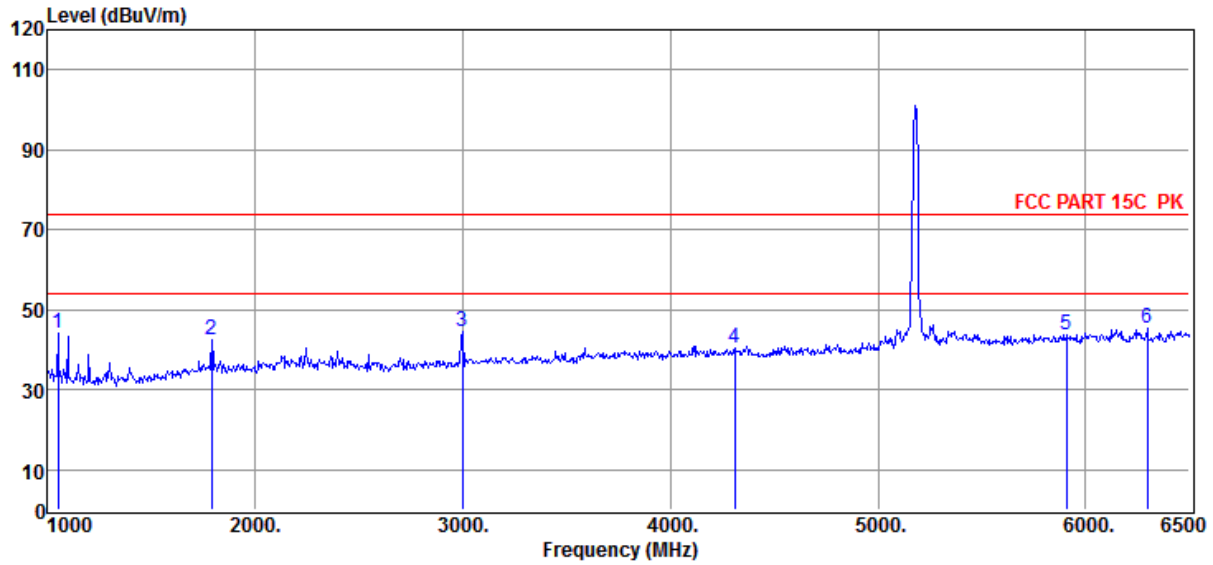
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1049.50	55.67	23.70	-35.17	44.20	74.00	-29.80	Peak	HORIZONTAL
2	2248.50	46.32	28.25	-34.22	40.35	74.00	-33.65	Peak	HORIZONTAL
3	2996.50	48.97	29.19	-33.54	44.62	74.00	-29.38	Peak	HORIZONTAL
4	3783.00	42.86	31.08	-32.85	41.09	74.00	-32.91	Peak	HORIZONTAL
5	5268.00	46.74	33.38	-32.16	47.96	74.00	-26.04	Peak	HORIZONTAL
6	5911.50	41.91	35.03	-32.43	44.51	74.00	-29.49	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-23-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5180MHz			

Data: 174



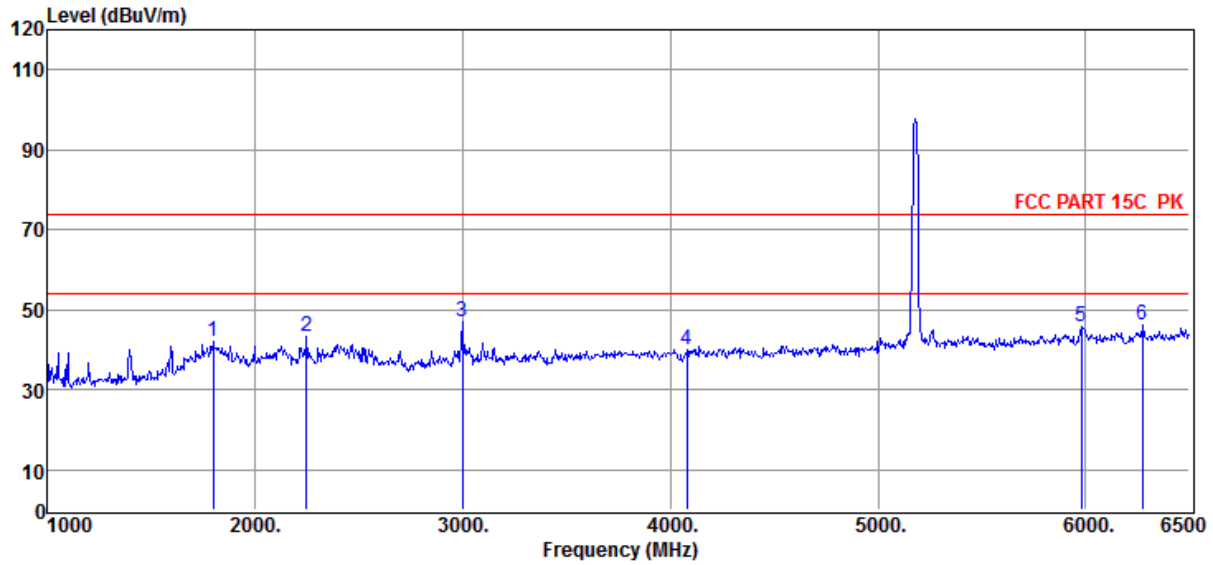
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1049.50	55.68	23.70	-35.17	44.21	74.00	-29.79	Peak	HORIZONTAL
2	1792.00	49.50	27.31	-34.45	42.36	74.00	-31.64	Peak	HORIZONTAL
3	2996.50	48.78	29.19	-33.54	44.43	74.00	-29.57	Peak	HORIZONTAL
4	4311.00	40.95	31.79	-32.37	40.37	74.00	-33.63	Peak	HORIZONTAL
5	5906.00	41.11	35.02	-32.40	43.73	74.00	-30.27	Peak	HORIZONTAL
6	6296.50	42.11	35.60	-32.54	45.17	74.00	-28.83	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-23-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5180MHz			

Data: 175



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1797.50	48.99	27.34	-34.41	41.92	74.00	-32.08	Peak	VERTICAL
2	2248.50	49.18	28.25	-34.22	43.21	74.00	-30.79	Peak	VERTICAL
3	2996.50	51.45	29.19	-33.54	47.10	74.00	-26.90	Peak	VERTICAL
4	4080.00	41.18	31.65	-32.84	39.99	74.00	-34.01	Peak	VERTICAL
5	5977.50	42.92	35.23	-32.58	45.57	74.00	-28.43	Peak	VERTICAL
6	6274.50	43.05	35.57	-32.49	46.13	74.00	-27.87	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

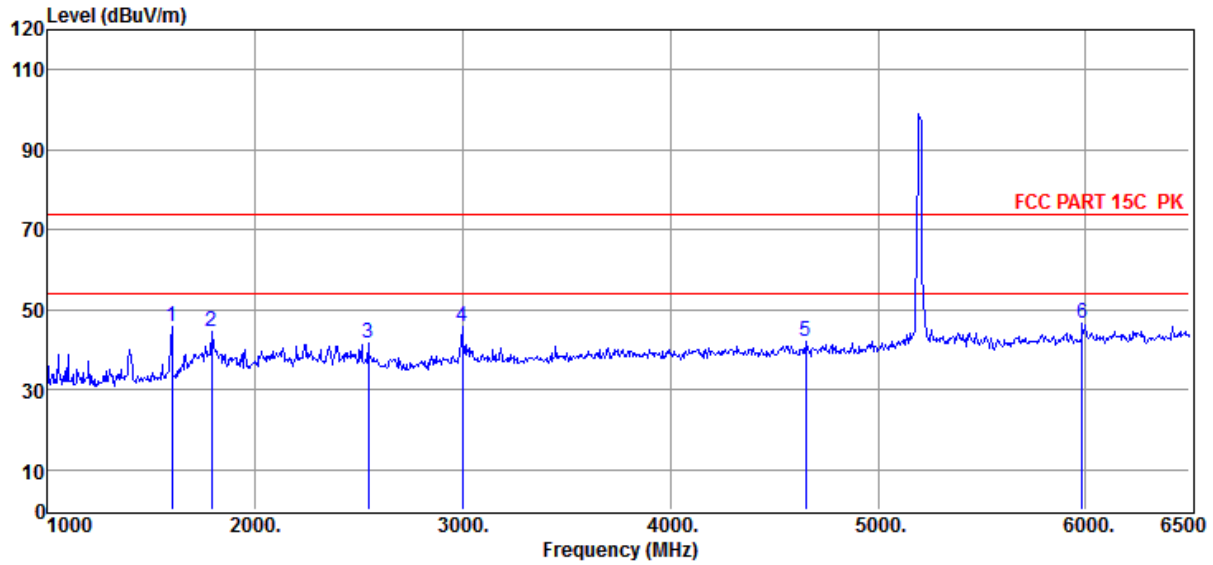
Test Date : 05-23-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT1 6M 5200MHz

Data: 176



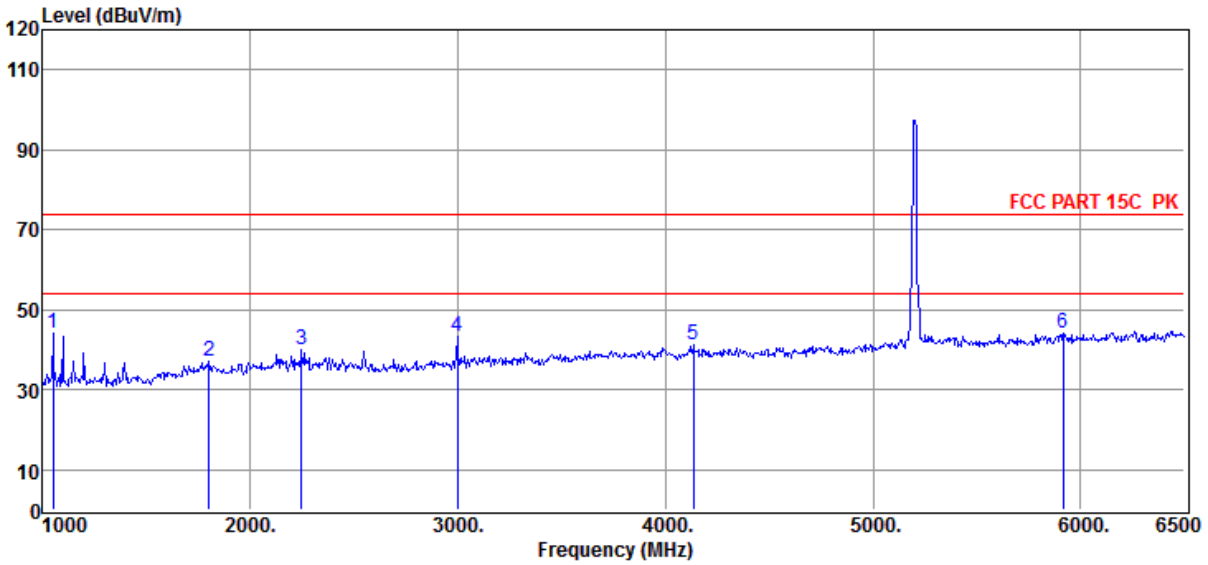
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1599.50	54.43	26.12	-34.59	45.96	74.00	-28.04	Peak	VERTICAL
2	1792.00	51.54	27.31	-34.45	44.40	74.00	-29.60	Peak	VERTICAL
3	2545.50	47.05	28.02	-33.54	41.53	74.00	-32.47	Peak	VERTICAL
4	2996.50	50.22	29.19	-33.54	45.87	74.00	-28.13	Peak	VERTICAL
5	4652.00	42.31	32.20	-32.42	42.09	74.00	-31.91	Peak	VERTICAL
6	5983.00	43.71	35.25	-32.57	46.39	74.00	-27.61	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5200MHz			

Data: 177



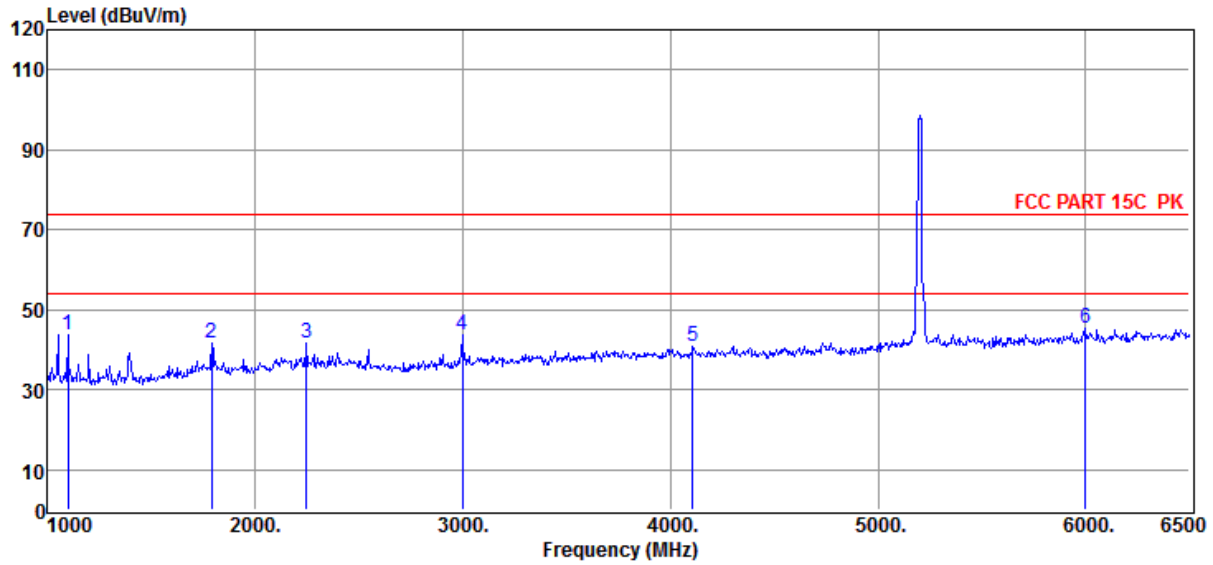
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1049.50	55.55	23.70	-35.17	44.08	74.00	-29.92	Peak	HORIZONTAL
2	1803.00	44.17	27.38	-34.38	37.17	74.00	-36.83	Peak	HORIZONTAL
3	2248.50	45.78	28.25	-34.22	39.81	74.00	-34.19	Peak	HORIZONTAL
4	2996.50	47.77	29.19	-33.54	43.42	74.00	-30.58	Peak	HORIZONTAL
5	4135.00	42.32	31.68	-32.78	41.22	74.00	-32.78	Peak	HORIZONTAL
6	5917.00	41.58	35.05	-32.47	44.16	74.00	-29.84	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-23-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5200MHz			

Data: 178



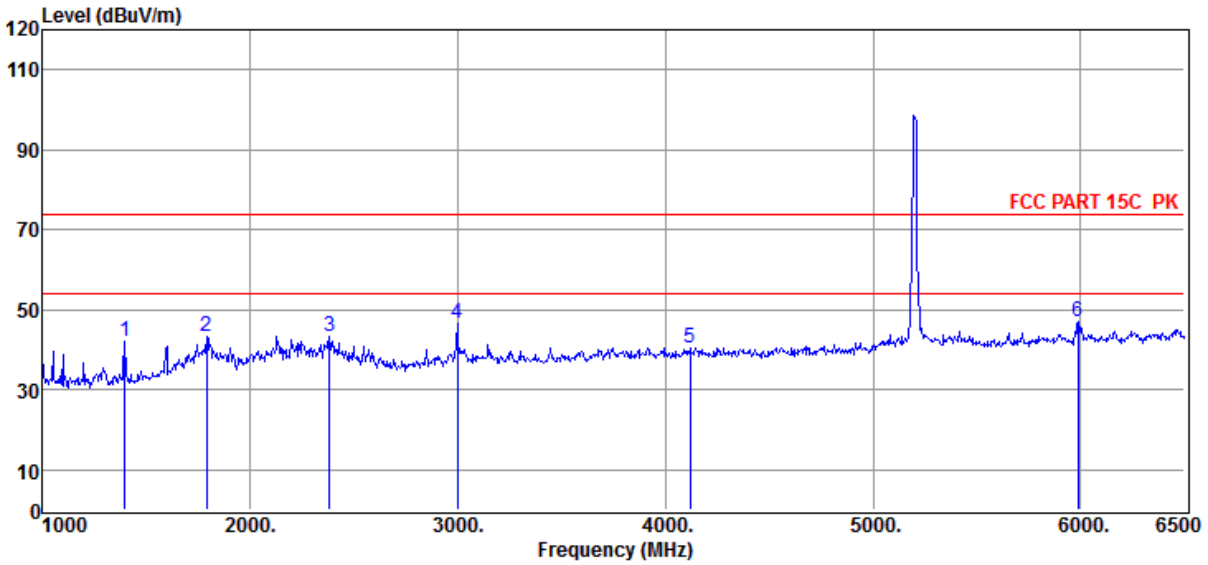
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1099.00	55.13	23.90	-35.24	43.79	74.00	-30.21	Peak	HORIZONTAL
2	1792.00	48.95	27.31	-34.45	41.81	74.00	-32.19	Peak	HORIZONTAL
3	2248.50	47.46	28.25	-34.22	41.49	74.00	-32.51	Peak	HORIZONTAL
4	2996.50	47.92	29.19	-33.54	43.57	74.00	-30.43	Peak	HORIZONTAL
5	4107.50	42.04	31.66	-32.74	40.96	74.00	-33.04	Peak	HORIZONTAL
6	5999.50	42.52	35.30	-32.53	45.29	74.00	-28.71	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-23-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5200MHz			

Data: 179



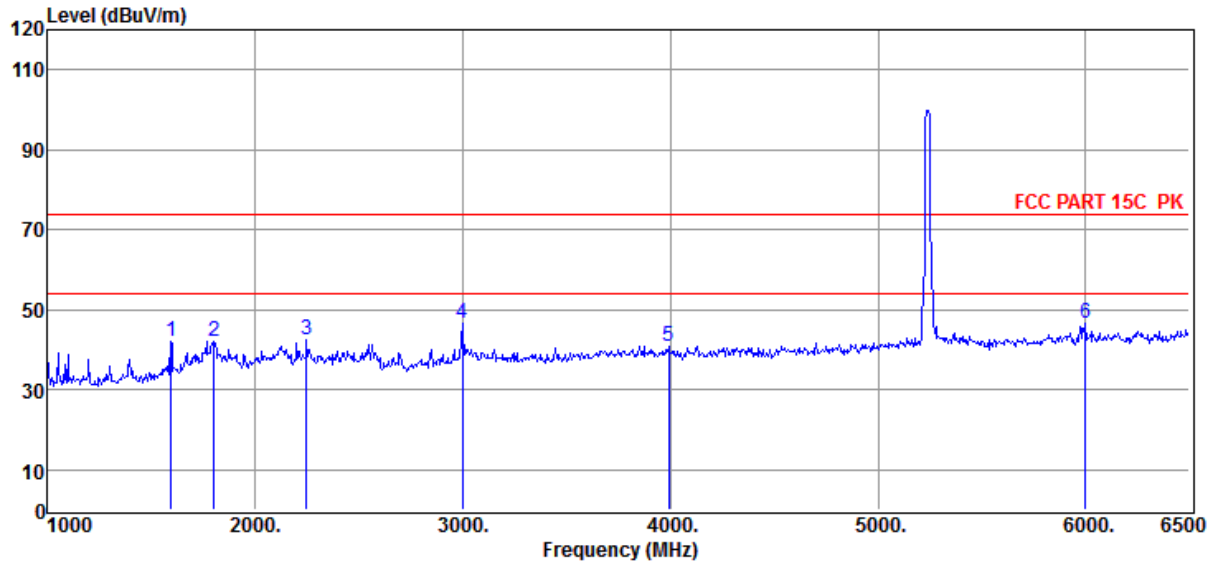
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1396.00	51.56	25.08	-34.74	41.90	74.00	-32.10	Peak	VERTICAL
2	1792.00	50.44	27.31	-34.45	43.30	74.00	-30.70	Peak	VERTICAL
3	2380.50	49.22	28.07	-33.99	43.30	74.00	-30.70	Peak	VERTICAL
4	2996.50	50.97	29.19	-33.54	46.62	74.00	-27.38	Peak	VERTICAL
5	4118.50	41.61	31.67	-32.76	40.52	74.00	-33.48	Peak	VERTICAL
6	5988.50	44.32	35.27	-32.56	47.03	74.00	-26.97	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-23-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5240MHz			

Data: 180



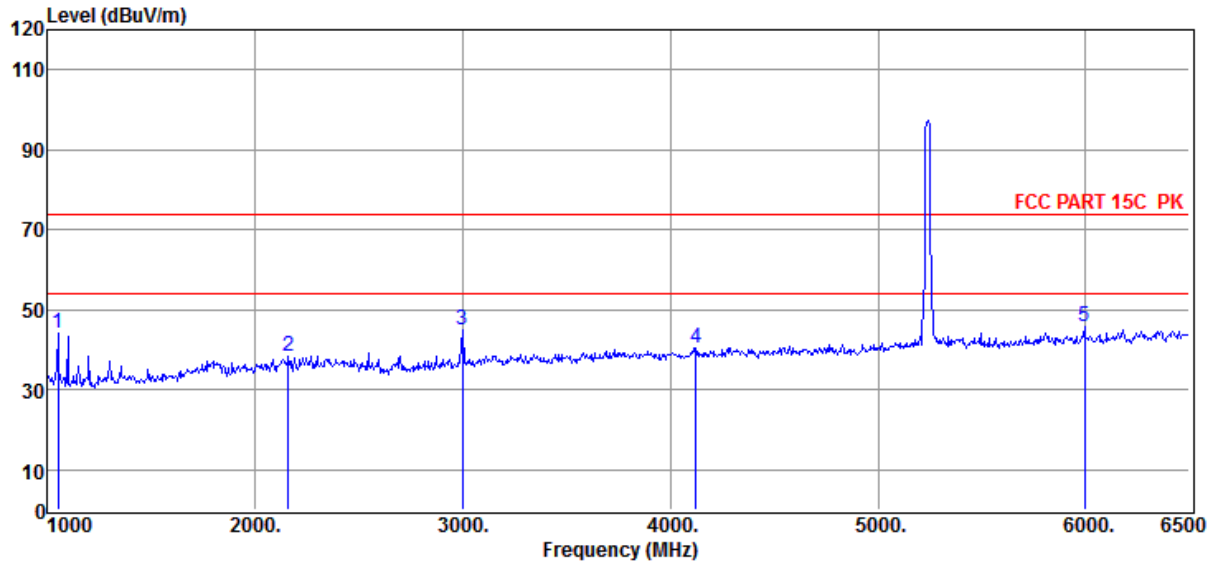
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1594.00	50.73	26.08	-34.58	42.23	74.00	-31.77	Peak	VERTICAL
2	1803.00	49.15	27.38	-34.38	42.15	74.00	-31.85	Peak	VERTICAL
3	2248.50	48.32	28.25	-34.22	42.35	74.00	-31.65	Peak	VERTICAL
4	2996.50	50.75	29.19	-33.54	46.40	74.00	-27.60	Peak	VERTICAL
5	3992.00	41.91	31.58	-32.70	40.79	74.00	-33.21	Peak	VERTICAL
6	5999.50	43.77	35.30	-32.53	46.54	74.00	-27.46	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-23-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5240MHz			

Data: 181



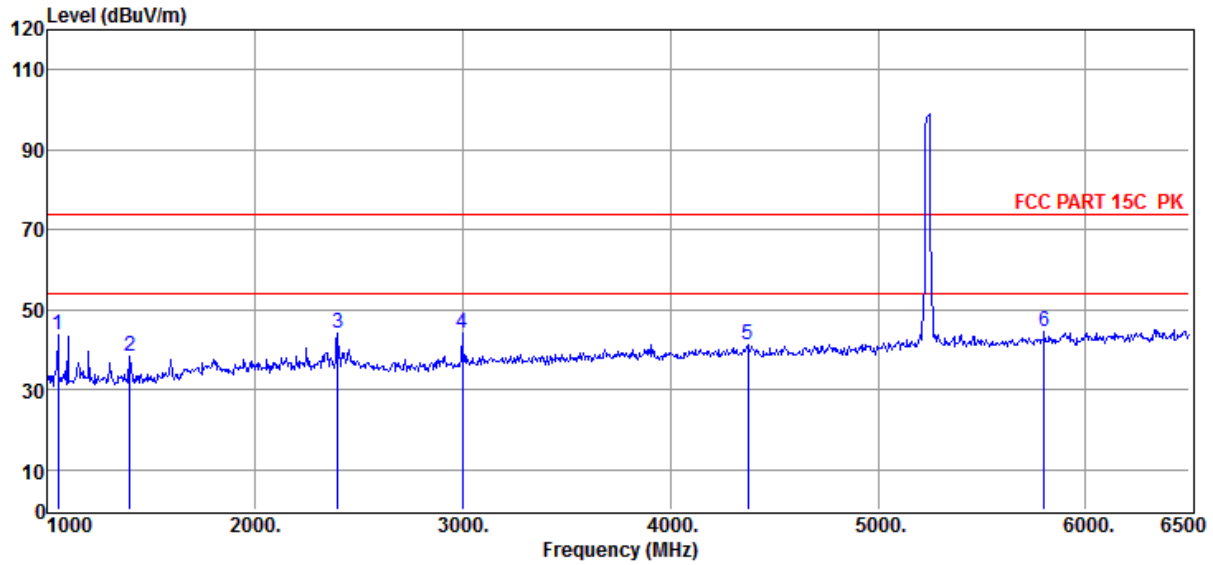
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1049.50	55.44	23.70	-35.17	43.97	74.00	-30.03	Peak	HORIZONTAL
2	2160.50	44.39	28.38	-34.33	38.44	74.00	-35.56	Peak	HORIZONTAL
3	2996.50	49.45	29.19	-33.54	45.10	74.00	-28.90	Peak	HORIZONTAL
4	4124.00	41.61	31.67	-32.76	40.52	74.00	-33.48	Peak	HORIZONTAL
5	5994.00	42.89	35.28	-32.54	45.63	74.00	-28.37	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-23-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5240MHz			

Data: 182



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1049.50	55.13	23.70	-35.17	43.66	74.00	-30.34	Peak	HORIZONTAL
2	1396.00	48.21	25.08	-34.74	38.55	74.00	-35.45	Peak	HORIZONTAL
3	2397.00	49.95	28.04	-34.04	43.95	74.00	-30.05	Peak	HORIZONTAL
4	2996.50	48.31	29.19	-33.54	43.96	74.00	-30.04	Peak	HORIZONTAL
5	4371.50	41.85	31.82	-32.41	41.26	74.00	-32.74	Peak	HORIZONTAL
6	5801.50	42.48	34.70	-32.56	44.62	74.00	-29.38	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

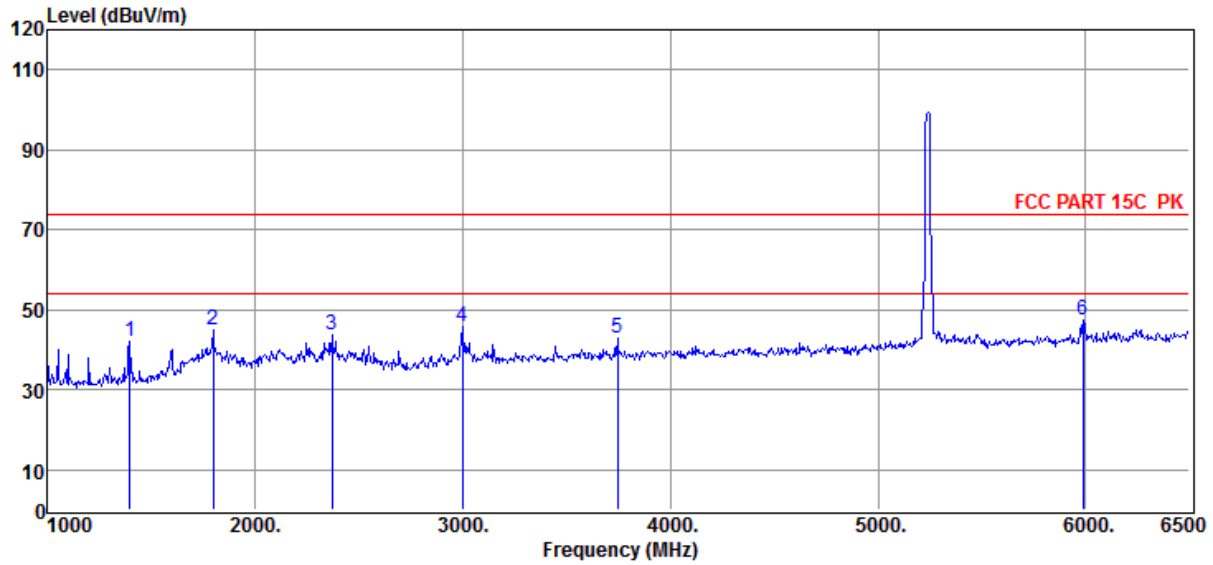
Test Date : 05-23-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT2 6M 5240MHz

Data: 183



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1396.00	51.64	25.08	-34.74	41.98	74.00	-32.02	Peak	VERTICAL
2	1797.50	52.13	27.34	-34.41	45.06	74.00	-28.94	Peak	VERTICAL
3	2369.50	49.64	28.08	-33.98	43.74	74.00	-30.26	Peak	VERTICAL
4	2996.50	50.20	29.19	-33.54	45.85	74.00	-28.15	Peak	VERTICAL
5	3744.50	44.41	30.99	-32.61	42.79	74.00	-31.21	Peak	VERTICAL
6	5988.50	44.80	35.27	-32.56	47.51	74.00	-26.49	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

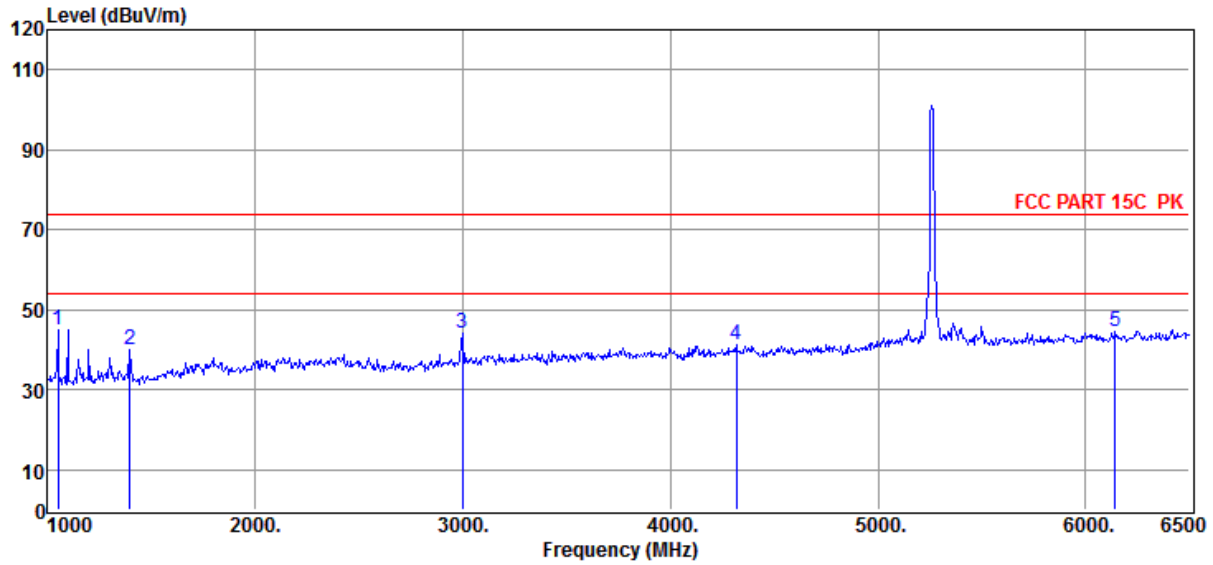
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT1 6M 5260MHz

Data: 184



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1049.50	56.44	23.70	-35.17	44.97	74.00	-29.03	Peak	HORIZONTAL
2	1396.00	49.71	25.08	-34.74	40.05	74.00	-33.95	Peak	HORIZONTAL
3	2996.50	48.40	29.19	-33.54	44.05	74.00	-29.95	Peak	HORIZONTAL
4	4316.50	41.74	31.79	-32.37	41.16	74.00	-32.84	Peak	HORIZONTAL
5	6142.50	41.61	35.44	-32.53	44.52	74.00	-29.48	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

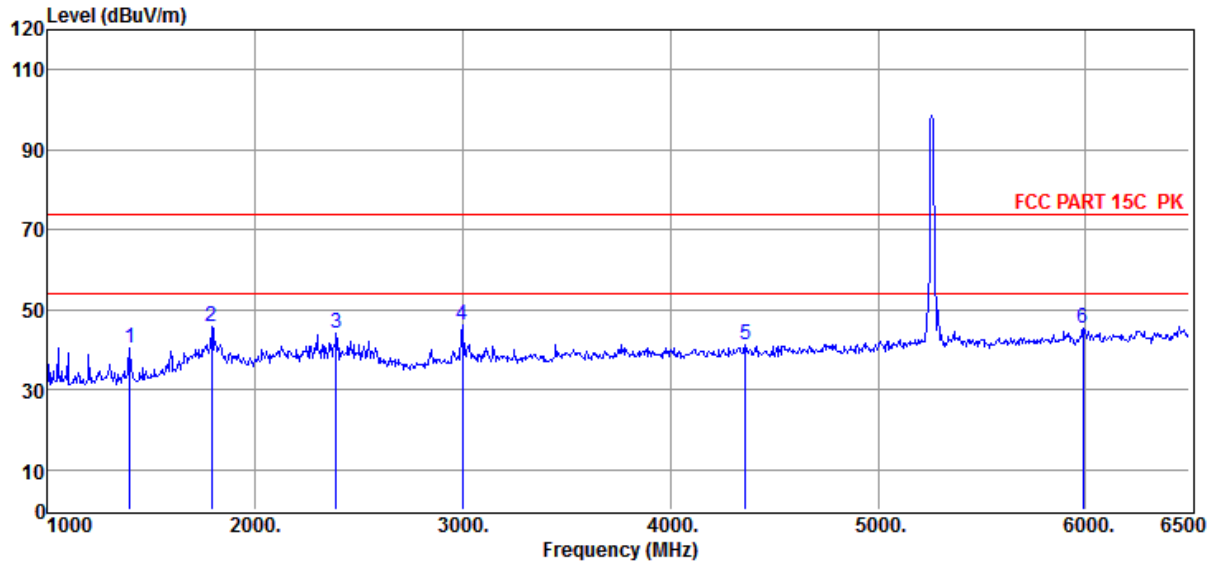
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT1 6M 5260MHz

Data: 185



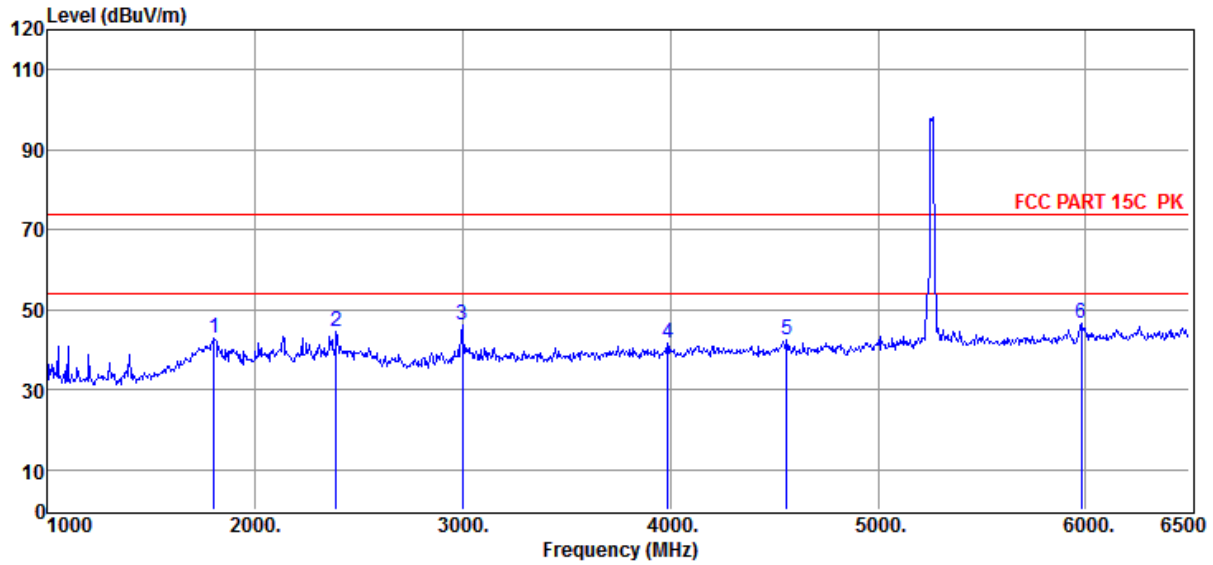
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1396.00	50.02	25.08	-34.74	40.36	74.00	-33.64	Peak	VERTICAL
2	1792.00	52.78	27.31	-34.45	45.64	74.00	-28.36	Peak	VERTICAL
3	2391.50	49.92	28.05	-34.02	43.95	74.00	-30.05	Peak	VERTICAL
4	2996.50	50.71	29.19	-33.54	46.36	74.00	-27.64	Peak	VERTICAL
5	4360.50	41.67	31.82	-32.38	41.11	74.00	-32.89	Peak	VERTICAL
6	5988.50	42.75	35.27	-32.56	45.46	74.00	-28.54	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5260MHz			

Data: 186



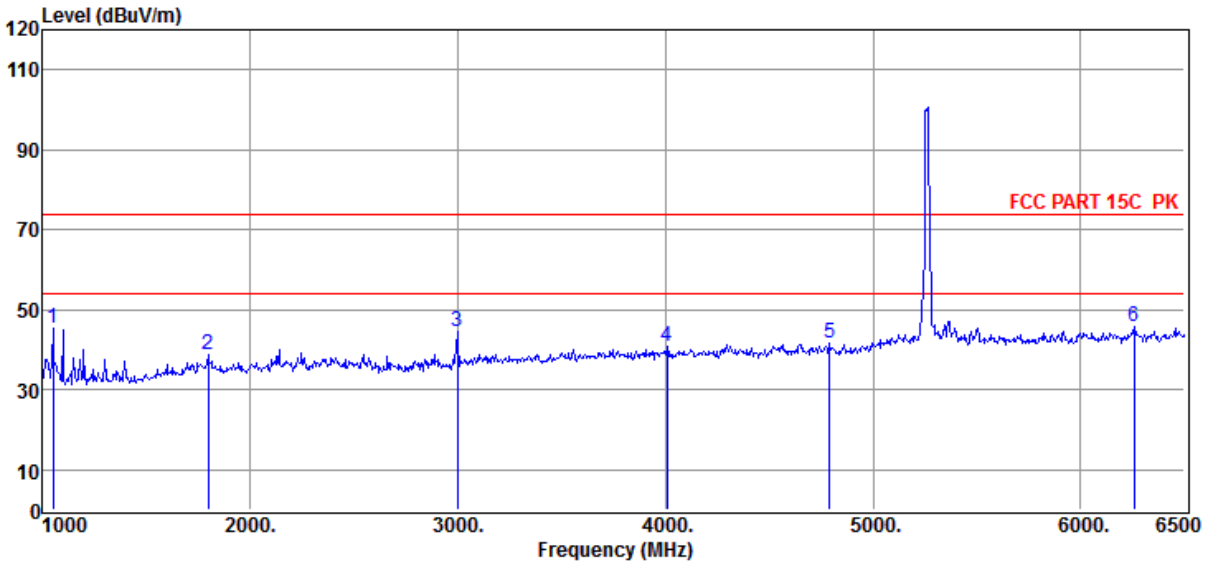
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1803.00	49.74	27.38	-34.38	42.74	74.00	-31.26	Peak	VERTICAL
2	2391.50	50.55	28.05	-34.02	44.58	74.00	-29.42	Peak	VERTICAL
3	2996.50	50.68	29.19	-33.54	46.33	74.00	-27.67	Peak	VERTICAL
4	3986.50	42.77	31.57	-32.72	41.62	74.00	-32.38	Peak	VERTICAL
5	4558.50	42.72	32.02	-32.15	42.59	74.00	-31.41	Peak	VERTICAL
6	5977.50	43.93	35.23	-32.58	46.58	74.00	-27.42	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5260MHz			

Data: 187



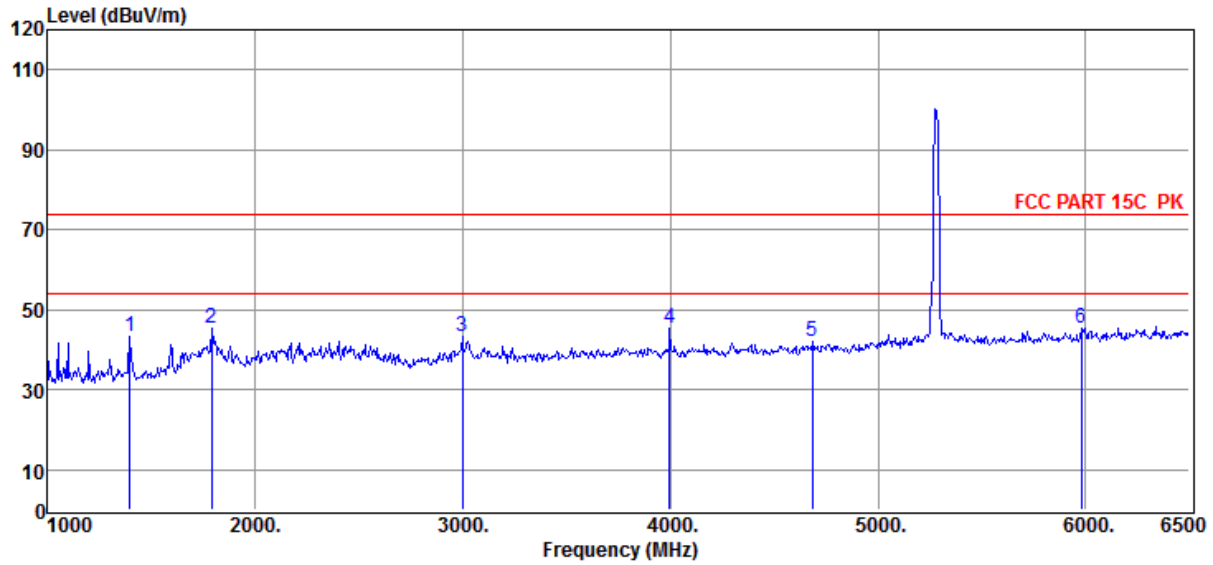
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1049.50	56.84	23.70	-35.17	45.37	74.00	-28.63	Peak	HORIZONTAL
2	1797.50	45.93	27.34	-34.41	38.86	74.00	-35.14	Peak	HORIZONTAL
3	2996.50	48.73	29.19	-33.54	44.38	74.00	-29.62	Peak	HORIZONTAL
4	4008.50	41.96	31.61	-32.72	40.85	74.00	-33.15	Peak	HORIZONTAL
5	4789.50	41.40	32.48	-32.21	41.67	74.00	-32.33	Peak	HORIZONTAL
6	6258.00	42.65	35.56	-32.46	45.75	74.00	-28.25	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5280MHz			

Data: 188



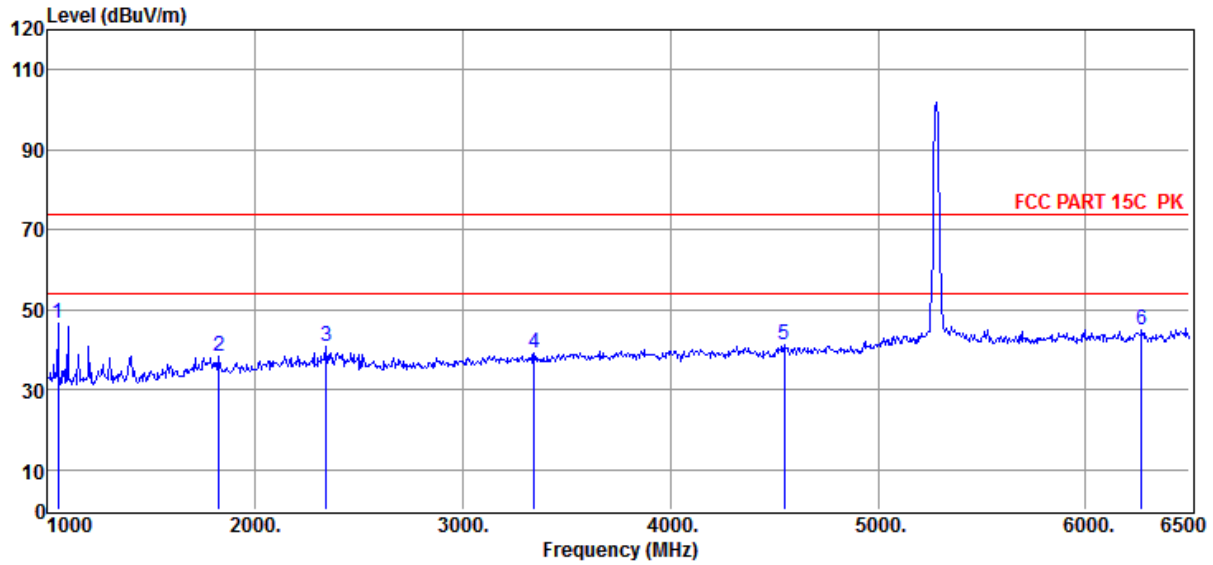
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1396.00	52.92	25.08	-34.74	43.26	74.00	-30.74	Peak	VERTICAL
2	1792.00	52.44	27.31	-34.45	45.30	74.00	-28.70	Peak	VERTICAL
3	2996.50	47.49	29.19	-33.54	43.14	74.00	-30.86	Peak	VERTICAL
4	3997.50	46.52	31.59	-32.67	45.44	74.00	-28.56	Peak	VERTICAL
5	4685.00	42.27	32.27	-32.60	41.94	74.00	-32.06	Peak	VERTICAL
6	5977.50	42.80	35.23	-32.58	45.45	74.00	-28.55	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5280MHz			

Data: 189



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1049.50	58.23	23.70	-35.17	46.76	74.00	-27.24	Peak	HORIZONTAL
2	1825.00	45.32	27.51	-34.35	38.48	74.00	-35.52	Peak	HORIZONTAL
3	2342.00	46.55	28.12	-33.95	40.72	74.00	-33.28	Peak	HORIZONTAL
4	3343.00	42.54	30.02	-33.18	39.38	74.00	-34.62	Peak	HORIZONTAL
5	4547.50	41.29	31.99	-32.11	41.17	74.00	-32.83	Peak	HORIZONTAL
6	6269.00	41.88	35.57	-32.48	44.97	74.00	-29.03	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

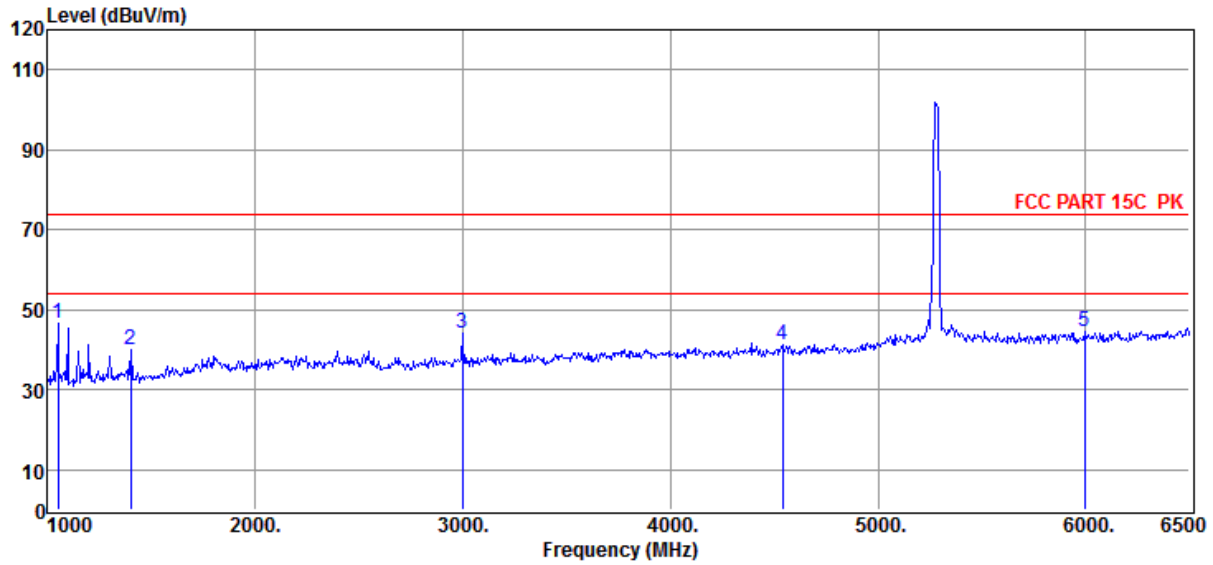
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT2 6M 5280MHz

Data: 190



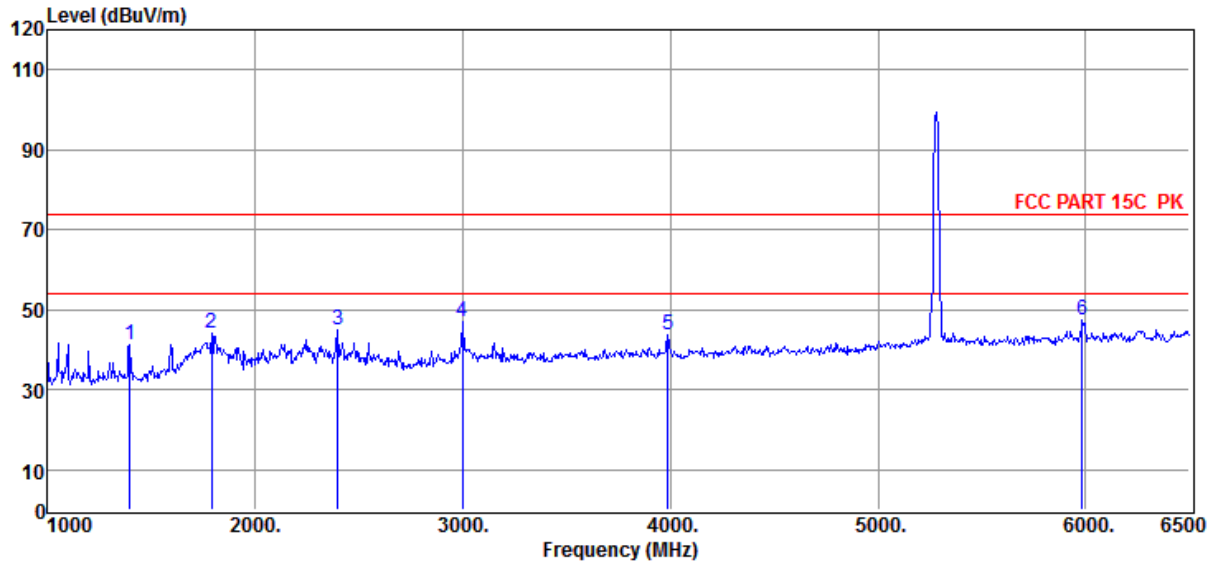
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1049.50	57.91	23.70	-35.17	46.44	74.00	-27.56	Peak	HORIZONTAL
2	1401.50	49.48	25.11	-34.74	39.85	74.00	-34.15	Peak	HORIZONTAL
3	2996.50	48.57	29.19	-33.54	44.22	74.00	-29.78	Peak	HORIZONTAL
4	4542.00	41.61	31.98	-32.16	41.43	74.00	-32.57	Peak	HORIZONTAL
5	5994.00	41.98	35.28	-32.54	44.72	74.00	-29.28	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5280MHz			

Data: 191



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1396.00	51.06	25.08	-34.74	41.40	74.00	-32.60	Peak	VERTICAL
2	1792.00	51.38	27.31	-34.45	44.24	74.00	-29.76	Peak	VERTICAL
3	2397.00	50.83	28.04	-34.04	44.83	74.00	-29.17	Peak	VERTICAL
4	2996.50	51.36	29.19	-33.54	47.01	74.00	-26.99	Peak	VERTICAL
5	3986.50	44.67	31.57	-32.72	43.52	74.00	-30.48	Peak	VERTICAL
6	5983.00	44.60	35.25	-32.57	47.28	74.00	-26.72	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

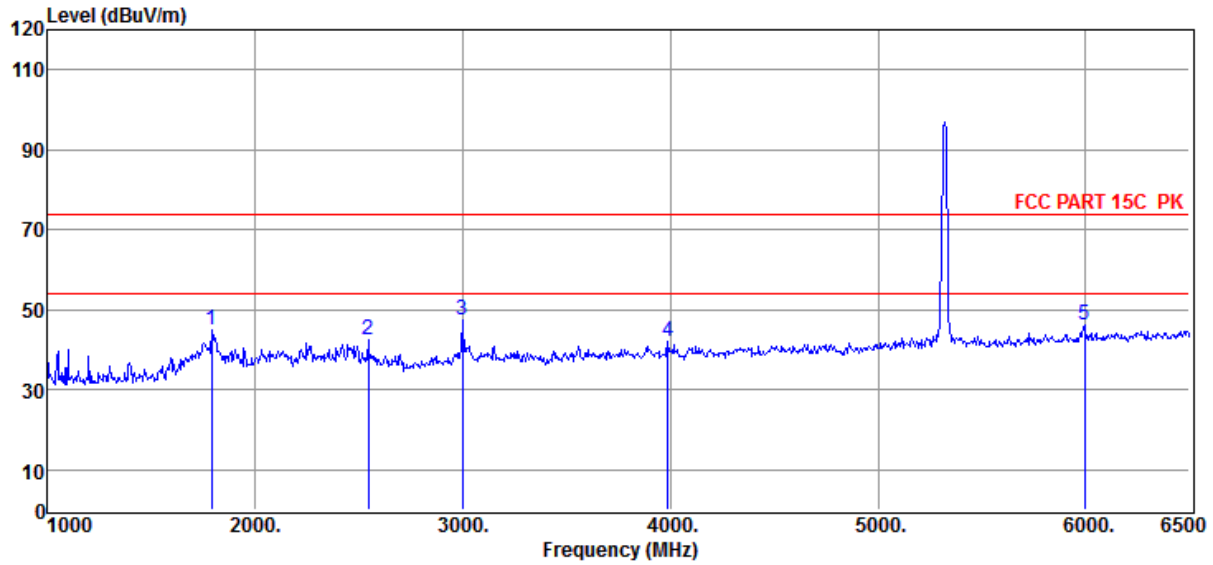
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT1 6M 5320MHz

Data: 192



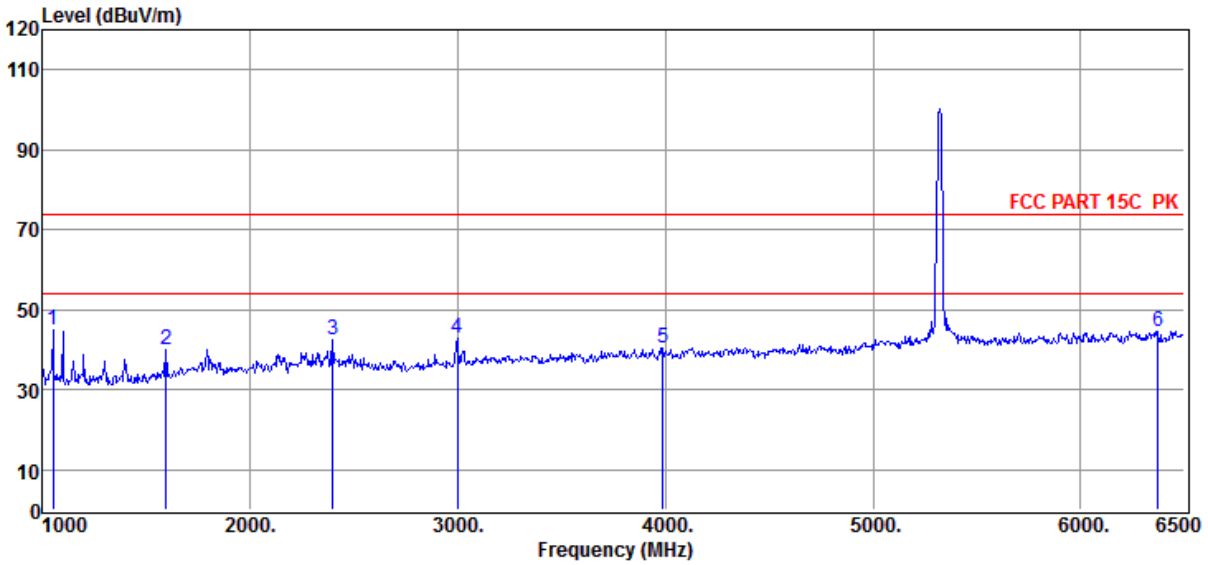
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1792.00	52.10	27.31	-34.45	44.96	74.00	-29.04	Peak	VERTICAL
2	2545.50	48.15	28.02	-33.54	42.63	74.00	-31.37	Peak	VERTICAL
3	2996.50	51.59	29.19	-33.54	47.24	74.00	-26.76	Peak	VERTICAL
4	3986.50	43.20	31.57	-32.72	42.05	74.00	-31.95	Peak	VERTICAL
5	5994.00	43.51	35.28	-32.54	46.25	74.00	-27.75	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5320MHz			

Data: 193



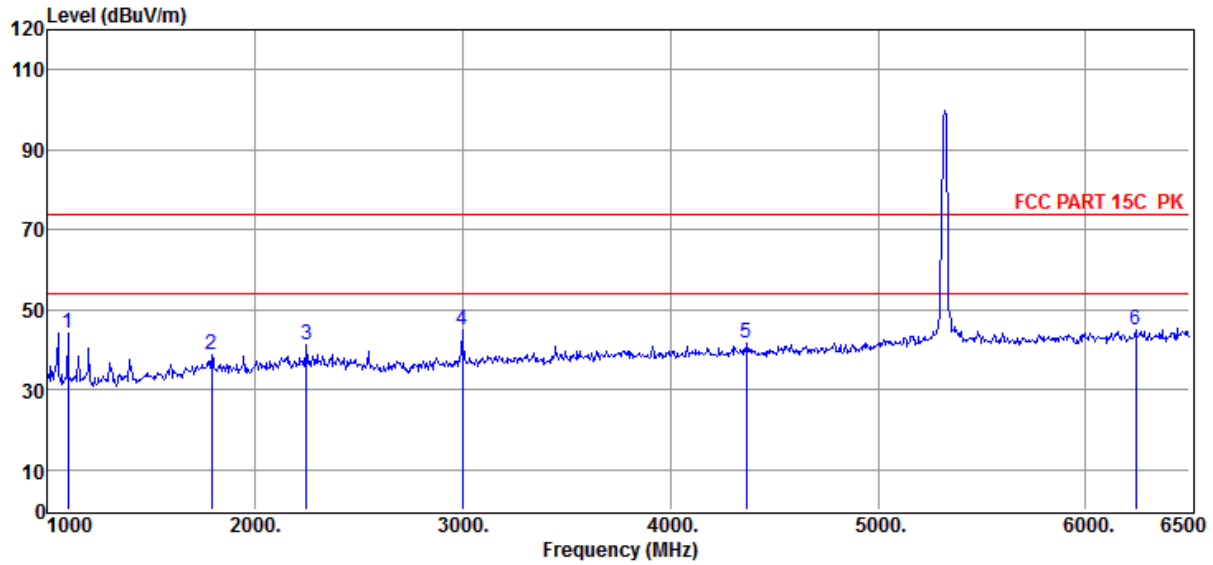
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1049.50	56.33	23.70	-35.17	44.86	74.00	-29.14	Peak	HORIZONTAL
2	1594.00	48.64	26.08	-34.58	40.14	74.00	-33.86	Peak	HORIZONTAL
3	2397.00	48.44	28.04	-34.04	42.44	74.00	-31.56	Peak	HORIZONTAL
4	2996.50	47.44	29.19	-33.54	43.09	74.00	-30.91	Peak	HORIZONTAL
5	3986.50	41.77	31.57	-32.72	40.62	74.00	-33.38	Peak	HORIZONTAL
6	6373.50	41.38	35.67	-32.54	44.51	74.00	-29.49	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5320MHz			

Data: 194



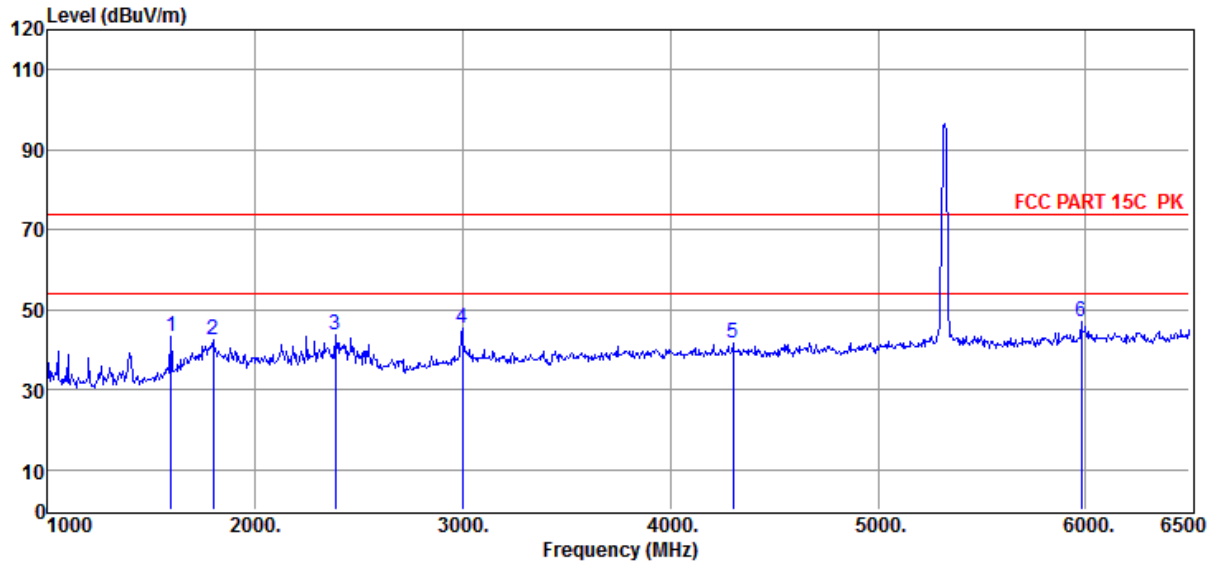
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1099.00	55.64	23.90	-35.24	44.30	74.00	-29.70	Peak	HORIZONTAL
2	1792.00	45.90	27.31	-34.45	38.76	74.00	-35.24	Peak	HORIZONTAL
3	2248.50	47.00	28.25	-34.22	41.03	74.00	-32.97	Peak	HORIZONTAL
4	2996.50	49.09	29.19	-33.54	44.74	74.00	-29.26	Peak	HORIZONTAL
5	4366.00	42.13	31.82	-32.39	41.56	74.00	-32.44	Peak	HORIZONTAL
6	6241.50	41.71	35.54	-32.48	44.77	74.00	-29.23	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5320MHz			

Data: 195



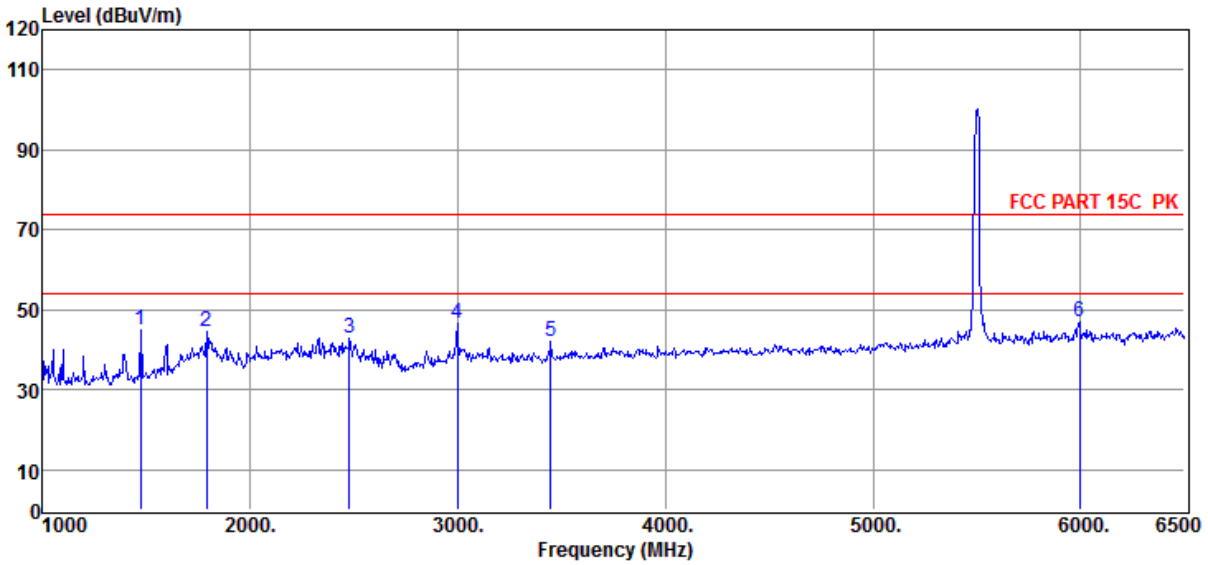
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1594.00	51.79	26.08	-34.58	43.29	74.00	-30.71	Peak	VERTICAL
2	1797.50	49.73	27.34	-34.41	42.66	74.00	-31.34	Peak	VERTICAL
3	2386.00	49.80	28.06	-34.01	43.85	74.00	-30.15	Peak	VERTICAL
4	2996.50	49.52	29.19	-33.54	45.17	74.00	-28.83	Peak	VERTICAL
5	4300.00	42.20	31.78	-32.38	41.60	74.00	-32.40	Peak	VERTICAL
6	5977.50	44.15	35.23	-32.58	46.80	74.00	-27.20	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5500MHz			

Data: 196



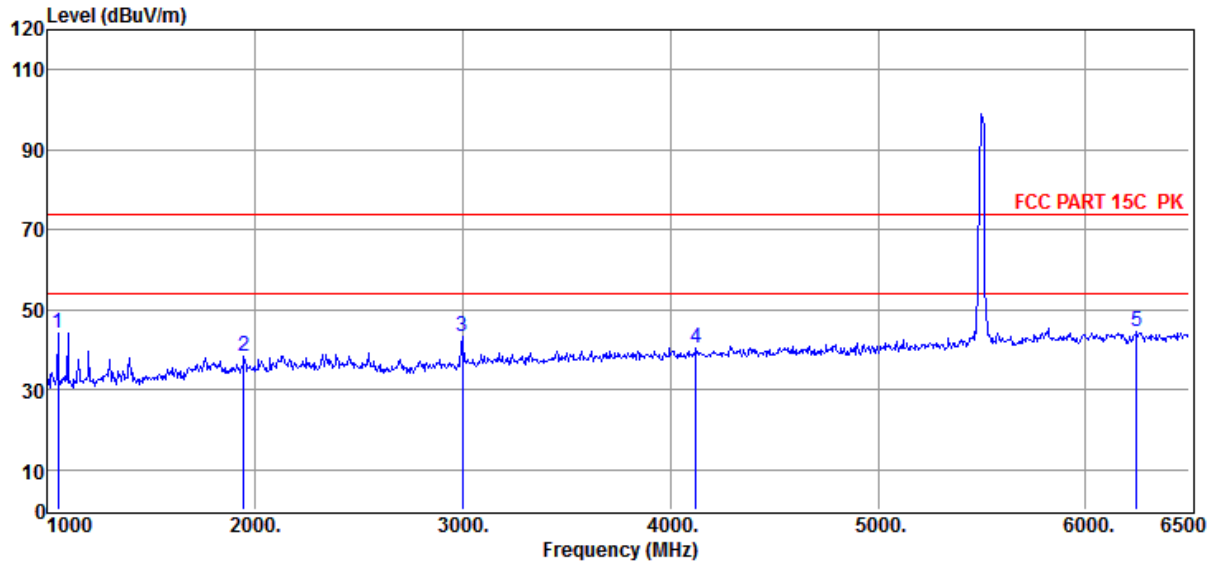
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1473.00	54.09	25.39	-34.66	44.82	74.00	-29.18	Peak	VERTICAL
2	1792.00	51.56	27.31	-34.45	44.42	74.00	-29.58	Peak	VERTICAL
3	2479.50	48.90	27.93	-33.85	42.98	74.00	-31.02	Peak	VERTICAL
4	2996.50	51.13	29.19	-33.54	46.78	74.00	-27.22	Peak	VERTICAL
5	3447.50	45.15	30.27	-33.23	42.19	74.00	-31.81	Peak	VERTICAL
6	5994.00	44.23	35.28	-32.54	46.97	74.00	-27.03	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5500MHz			

Data: 197



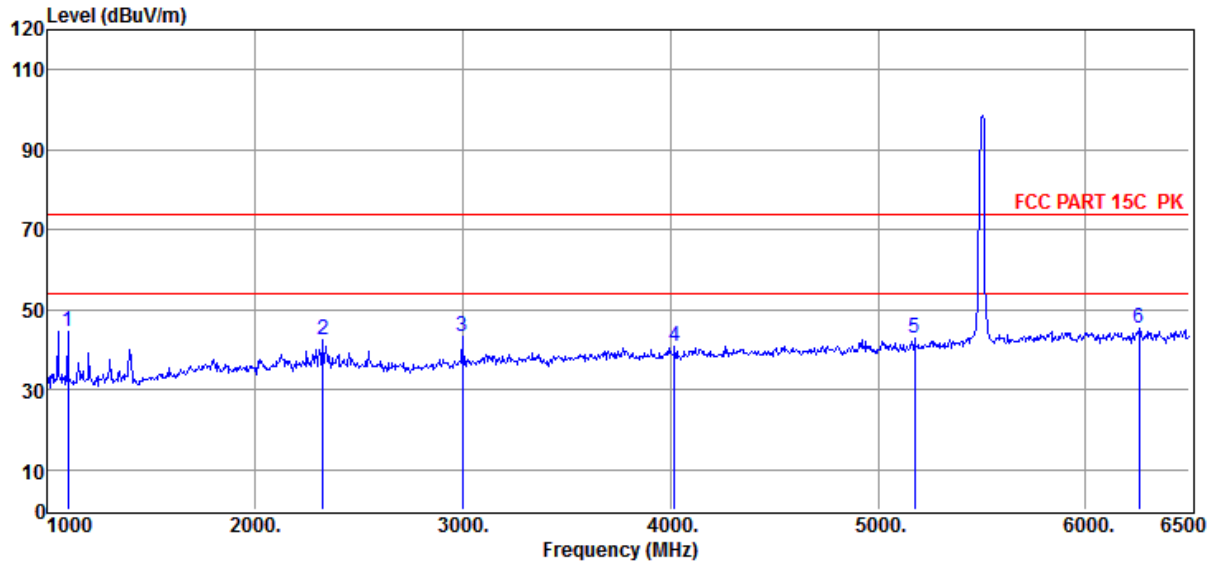
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1049.50	55.73	23.70	-35.17	44.26	74.00	-29.74	Peak	HORIZONTAL
2	1946.00	44.55	28.27	-34.30	38.52	74.00	-35.48	Peak	HORIZONTAL
3	2996.50	47.51	29.19	-33.54	43.16	74.00	-30.84	Peak	HORIZONTAL
4	4124.00	41.38	31.67	-32.76	40.29	74.00	-33.71	Peak	HORIZONTAL
5	6247.00	41.37	35.55	-32.46	44.46	74.00	-29.54	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5500MHz			

Data: 198



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1099.00	55.87	23.90	-35.24	44.53	74.00	-29.47	Peak	HORIZONTAL
2	2325.50	48.48	28.14	-34.03	42.59	74.00	-31.41	Peak	HORIZONTAL
3	2996.50	47.54	29.19	-33.54	43.19	74.00	-30.81	Peak	HORIZONTAL
4	4019.50	41.99	31.61	-32.80	40.80	74.00	-33.20	Peak	HORIZONTAL
5	5174.50	41.89	33.21	-32.22	42.88	74.00	-31.12	Peak	HORIZONTAL
6	6258.00	42.15	35.56	-32.46	45.25	74.00	-28.75	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

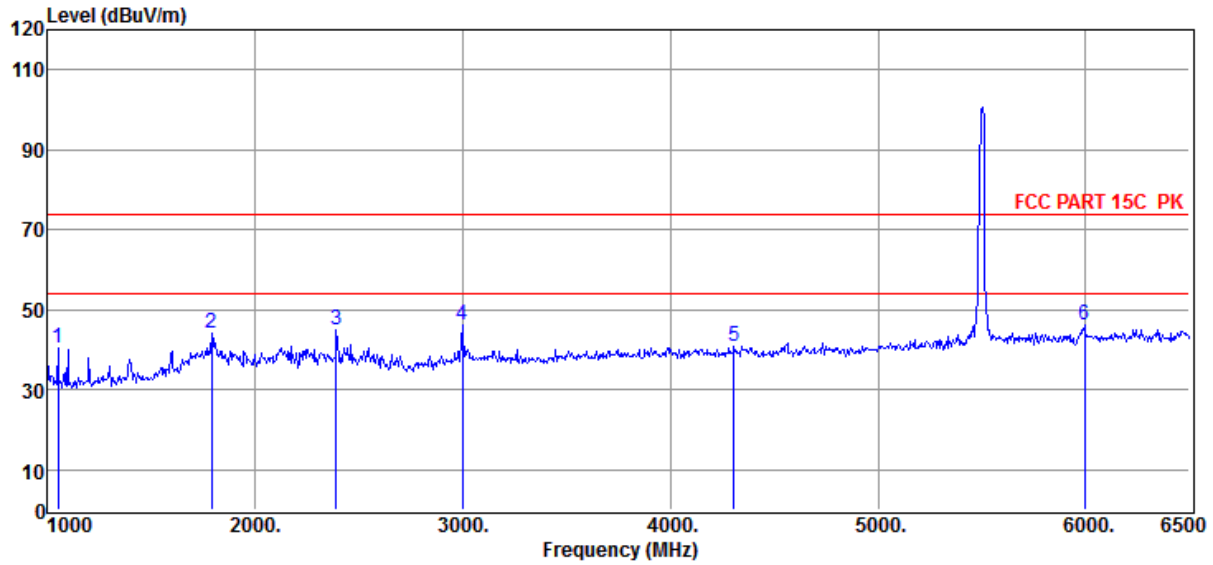
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT2 6M 5500MHz

Data: 199



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1049.50	51.78	23.70	-35.17	40.31	74.00	-33.69	Peak	VERTICAL
2	1792.00	51.16	27.31	-34.45	44.02	74.00	-29.98	Peak	VERTICAL
3	2391.50	50.77	28.05	-34.02	44.80	74.00	-29.20	Peak	VERTICAL
4	2996.50	50.43	29.19	-33.54	46.08	74.00	-27.92	Peak	VERTICAL
5	4305.50	41.39	31.78	-32.38	40.79	74.00	-33.21	Peak	VERTICAL
6	5994.00	43.50	35.28	-32.54	46.24	74.00	-27.76	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

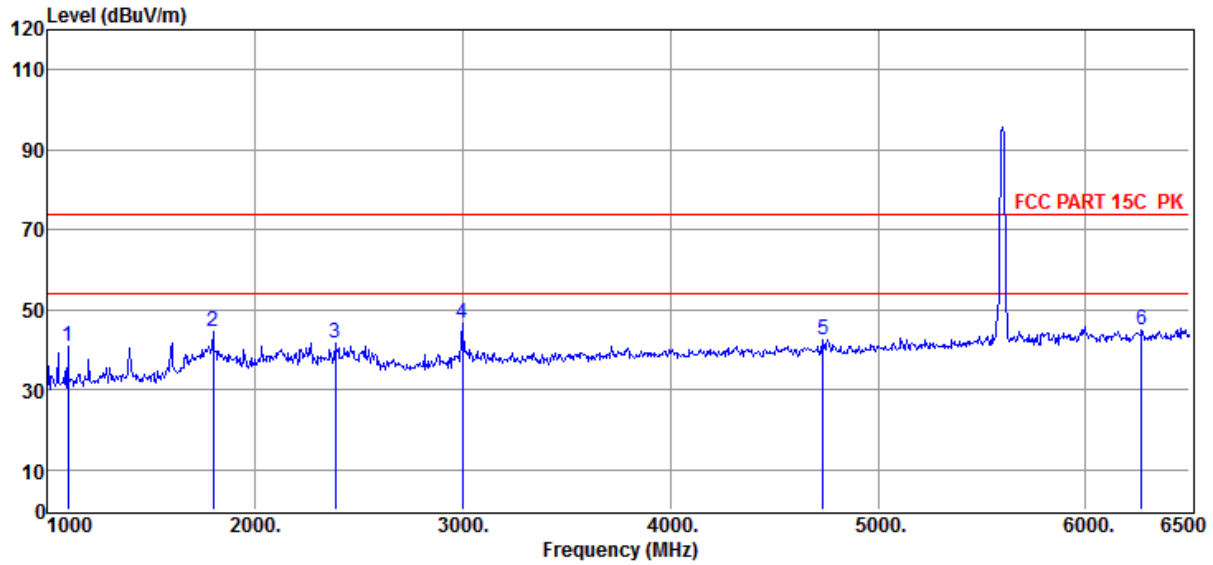
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT1 6M 5600MHz

Data: 200



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1099.00	51.99	23.90	-35.24	40.65	74.00	-33.35	Peak	VERTICAL
2	1797.50	51.79	27.34	-34.41	44.72	74.00	-29.28	Peak	VERTICAL
3	2386.00	47.63	28.06	-34.01	41.68	74.00	-32.32	Peak	VERTICAL
4	2996.50	51.11	29.19	-33.54	46.76	74.00	-27.24	Peak	VERTICAL
5	4734.50	42.37	32.37	-32.27	42.47	74.00	-31.53	Peak	VERTICAL
6	6269.00	41.92	35.57	-32.48	45.01	74.00	-28.99	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

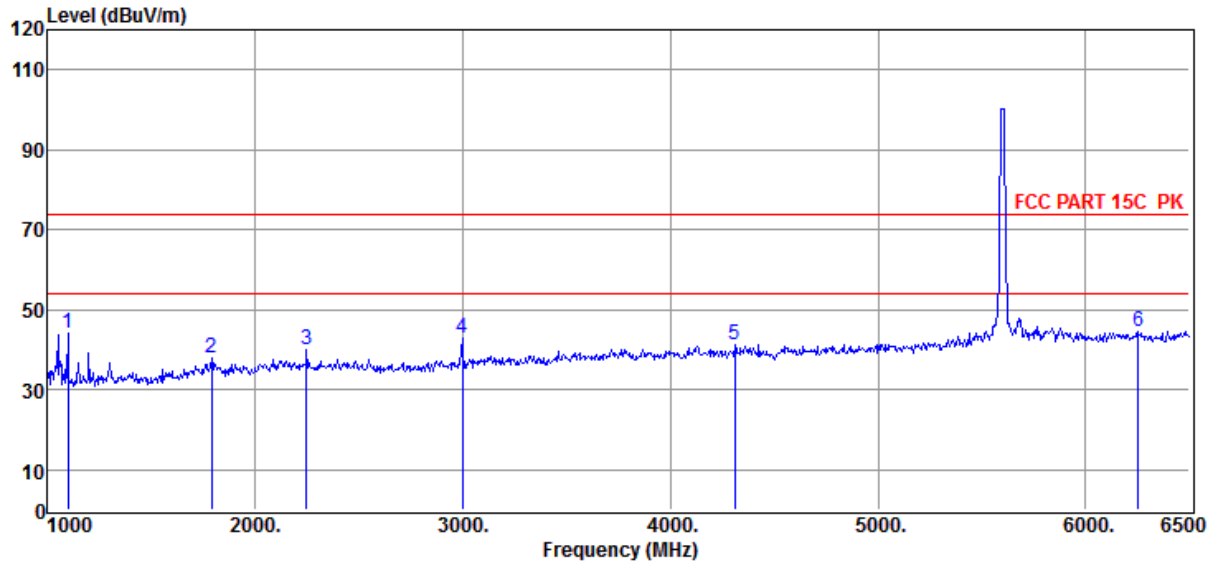
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT1 6M 5600MHz

Data: 201



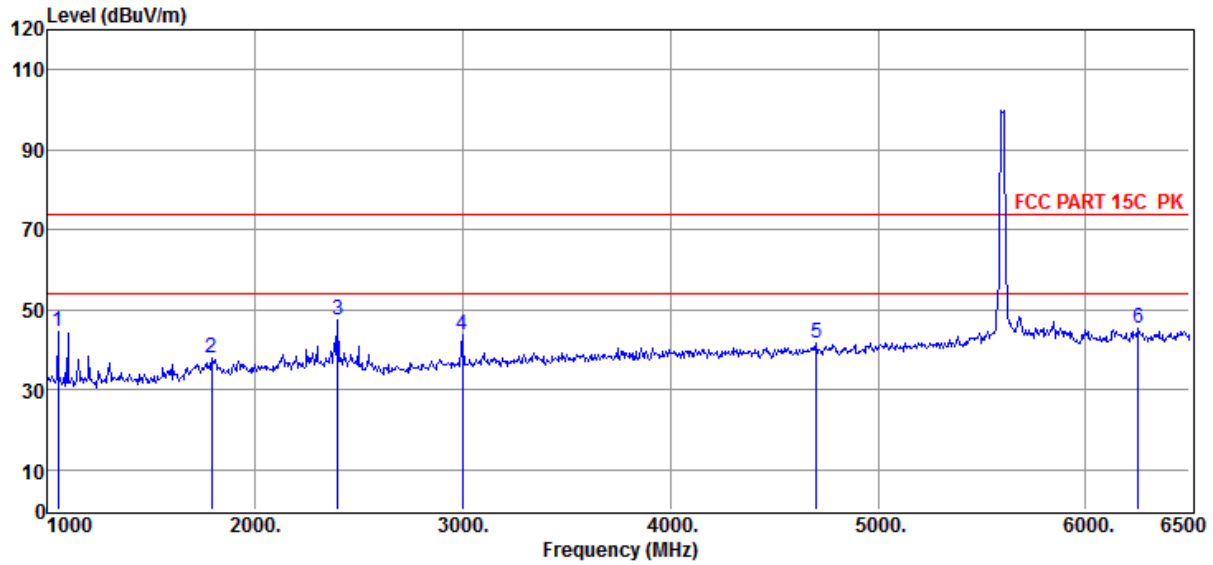
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1099.00	55.49	23.90	-35.24	44.15	74.00	-29.85	Peak	HORIZONTAL
2	1792.00	44.97	27.31	-34.45	37.83	74.00	-36.17	Peak	HORIZONTAL
3	2248.50	46.08	28.25	-34.22	40.11	74.00	-33.89	Peak	HORIZONTAL
4	2996.50	47.09	29.19	-33.54	42.74	74.00	-31.26	Peak	HORIZONTAL
5	4311.00	41.96	31.79	-32.37	41.38	74.00	-32.62	Peak	HORIZONTAL
6	6252.50	41.40	35.55	-32.45	44.50	74.00	-29.50	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5600MHz			

Data: 202



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1049.50	56.02	23.70	-35.17	44.55	74.00	-29.45	Peak	HORIZONTAL
2	1792.00	44.98	27.31	-34.45	37.84	74.00	-36.16	Peak	HORIZONTAL
3	2397.00	53.22	28.04	-34.04	47.22	74.00	-26.78	Peak	HORIZONTAL
4	2996.50	48.03	29.19	-33.54	43.68	74.00	-30.32	Peak	HORIZONTAL
5	4701.50	42.00	32.30	-32.66	41.64	74.00	-32.36	Peak	HORIZONTAL
6	6252.50	42.47	35.55	-32.45	45.57	74.00	-28.43	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

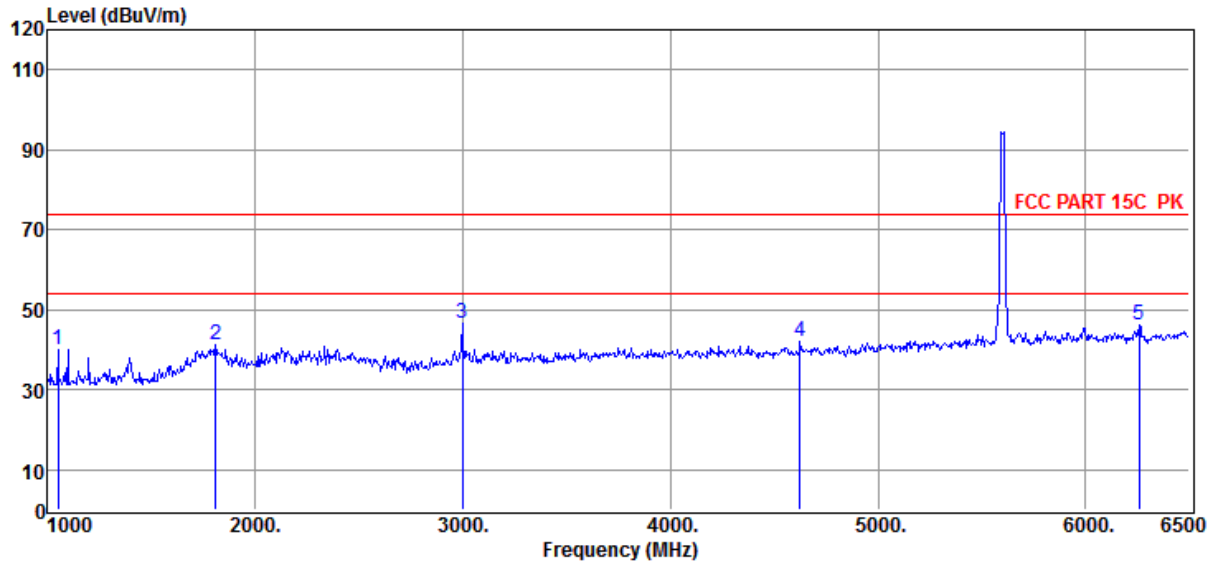
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT2 6M 5600MHz

Data: 203



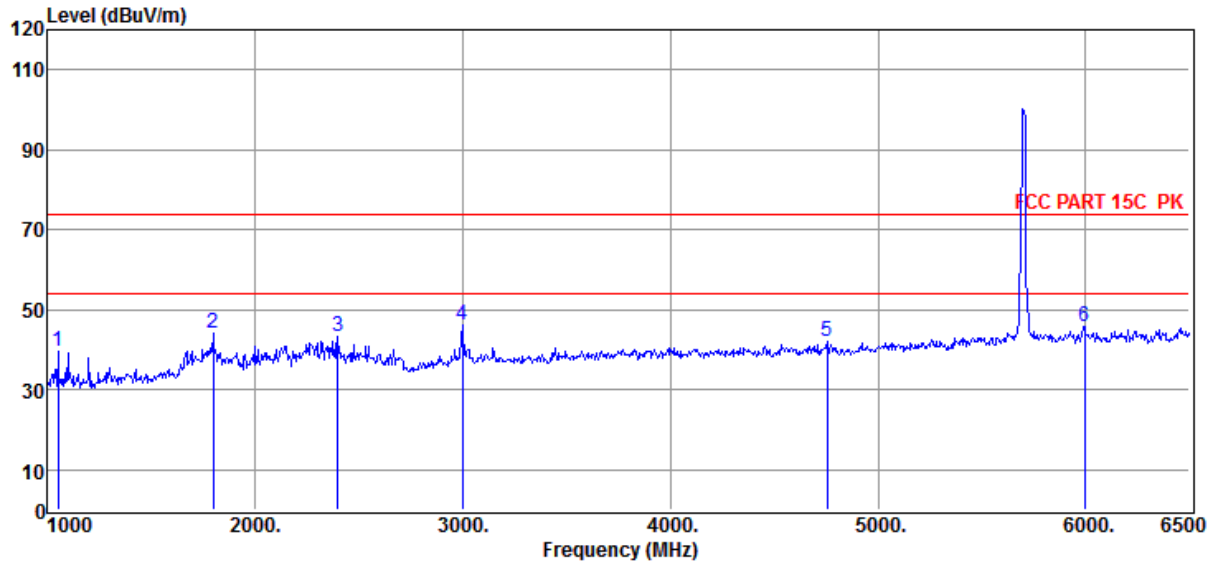
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1049.50	51.60	23.70	-35.17	40.13	74.00	-33.87	Peak	VERTICAL
2	1808.50	48.20	27.41	-34.35	41.26	74.00	-32.74	Peak	VERTICAL
3	2996.50	50.75	29.19	-33.54	46.40	74.00	-27.60	Peak	VERTICAL
4	4624.50	42.22	32.15	-32.46	41.91	74.00	-32.09	Peak	VERTICAL
5	6258.00	42.97	35.56	-32.46	46.07	74.00	-27.93	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5700MHz			

Data: 204



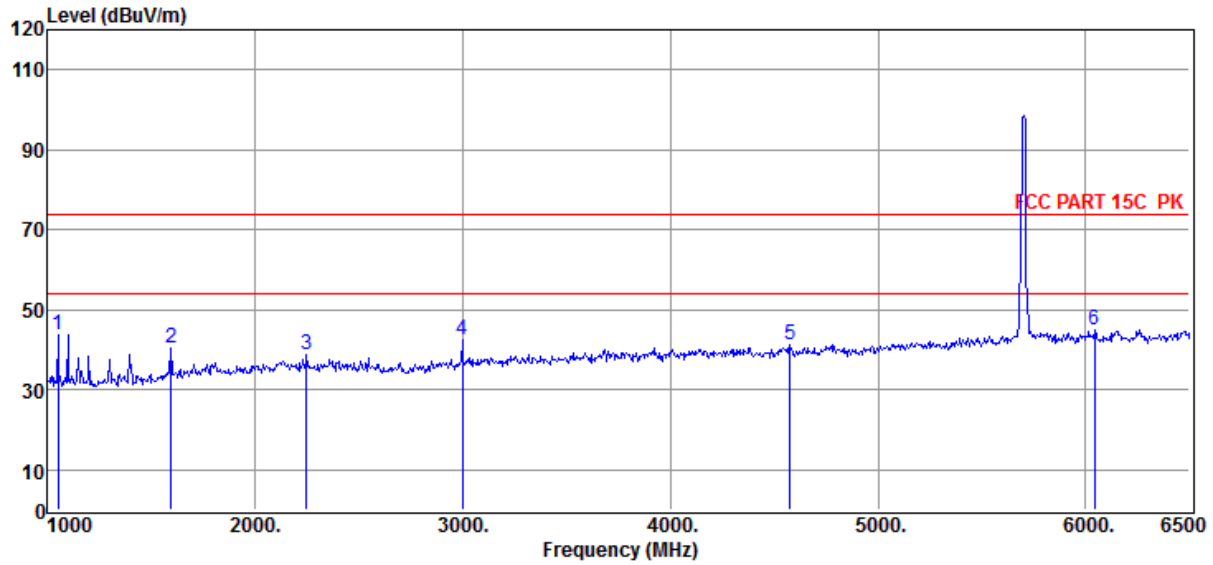
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1049.50	50.89	23.70	-35.17	39.42	74.00	-34.58	Peak	VERTICAL
2	1797.50	51.35	27.34	-34.41	44.28	74.00	-29.72	Peak	VERTICAL
3	2397.00	49.20	28.04	-34.04	43.20	74.00	-30.80	Peak	VERTICAL
4	2996.50	50.50	29.19	-33.54	46.15	74.00	-27.85	Peak	VERTICAL
5	4756.50	41.82	32.41	-32.10	42.13	74.00	-31.87	Peak	VERTICAL
6	5994.00	43.03	35.28	-32.54	45.77	74.00	-28.23	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5700MHz			

Data: 205



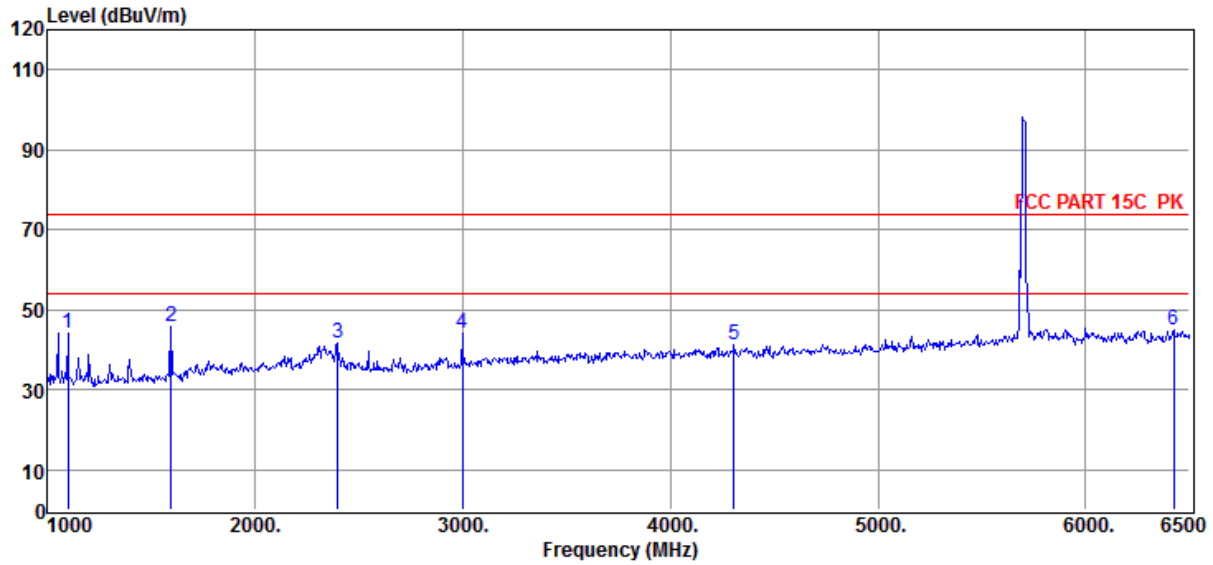
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	1049.50	55.21	23.70	-35.17	43.74	74.00	-30.26	Peak	HORIZONTAL
2	1594.00	48.98	26.08	-34.58	40.48	74.00	-33.52	Peak	HORIZONTAL
3	2248.50	44.86	28.25	-34.22	38.89	74.00	-35.11	Peak	HORIZONTAL
4	2996.50	46.87	29.19	-33.54	42.52	74.00	-31.48	Peak	HORIZONTAL
5	4575.00	41.49	32.05	-32.29	41.25	74.00	-32.75	Peak	HORIZONTAL
6	6043.50	42.17	35.34	-32.48	45.03	74.00	-28.97	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5700MHz			

Data: 206



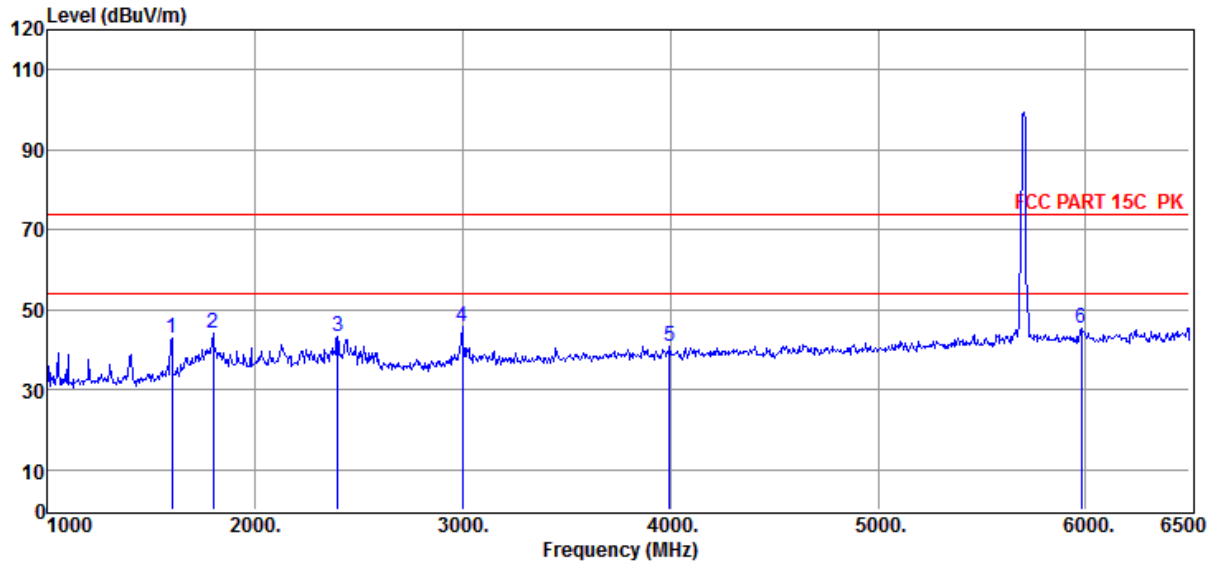
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1099.00	55.35	23.90	-35.24	44.01	74.00	-29.99	Peak	HORIZONTAL
2	1594.00	54.19	26.08	-34.58	45.69	74.00	-28.31	Peak	HORIZONTAL
3	2397.00	47.56	28.04	-34.04	41.56	74.00	-32.44	Peak	HORIZONTAL
4	2996.50	48.63	29.19	-33.54	44.28	74.00	-29.72	Peak	HORIZONTAL
5	4305.50	41.77	31.78	-32.38	41.17	74.00	-32.83	Peak	HORIZONTAL
6	6423.00	41.55	35.72	-32.40	44.87	74.00	-29.13	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5700MHz			

Data: 207



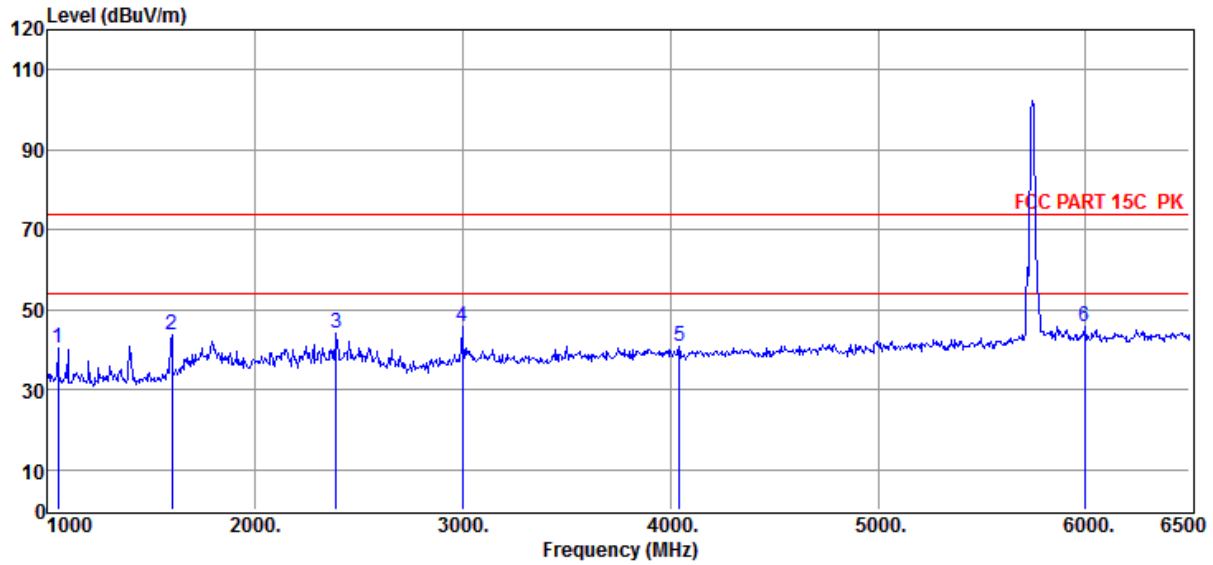
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1599.50	51.39	26.12	-34.59	42.92	74.00	-31.08	Peak	VERTICAL
2	1797.50	51.20	27.34	-34.41	44.13	74.00	-29.87	Peak	VERTICAL
3	2397.00	49.20	28.04	-34.04	43.20	74.00	-30.80	Peak	VERTICAL
4	2996.50	50.11	29.19	-33.54	45.76	74.00	-28.24	Peak	VERTICAL
5	3997.50	41.79	31.59	-32.67	40.71	74.00	-33.29	Peak	VERTICAL
6	5977.50	42.67	35.23	-32.58	45.32	74.00	-28.68	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5745MHz			

Data: 208



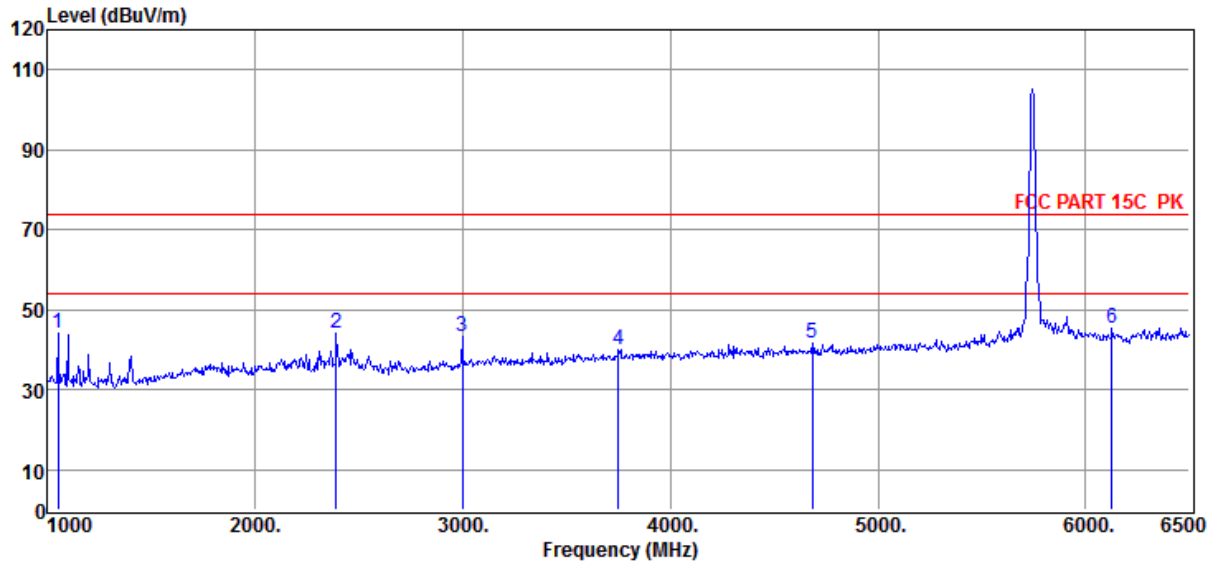
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1049.50	51.85	23.70	-35.17	40.38	74.00	-33.62	Peak	VERTICAL
2	1599.50	52.07	26.12	-34.59	43.60	74.00	-30.40	Peak	VERTICAL
3	2391.50	50.07	28.05	-34.02	44.10	74.00	-29.90	Peak	VERTICAL
4	2996.50	50.15	29.19	-33.54	45.80	74.00	-28.20	Peak	VERTICAL
5	4041.50	42.14	31.62	-32.95	40.81	74.00	-33.19	Peak	VERTICAL
6	5994.00	43.08	35.28	-32.54	45.82	74.00	-28.18	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5745MHz			

Data: 209



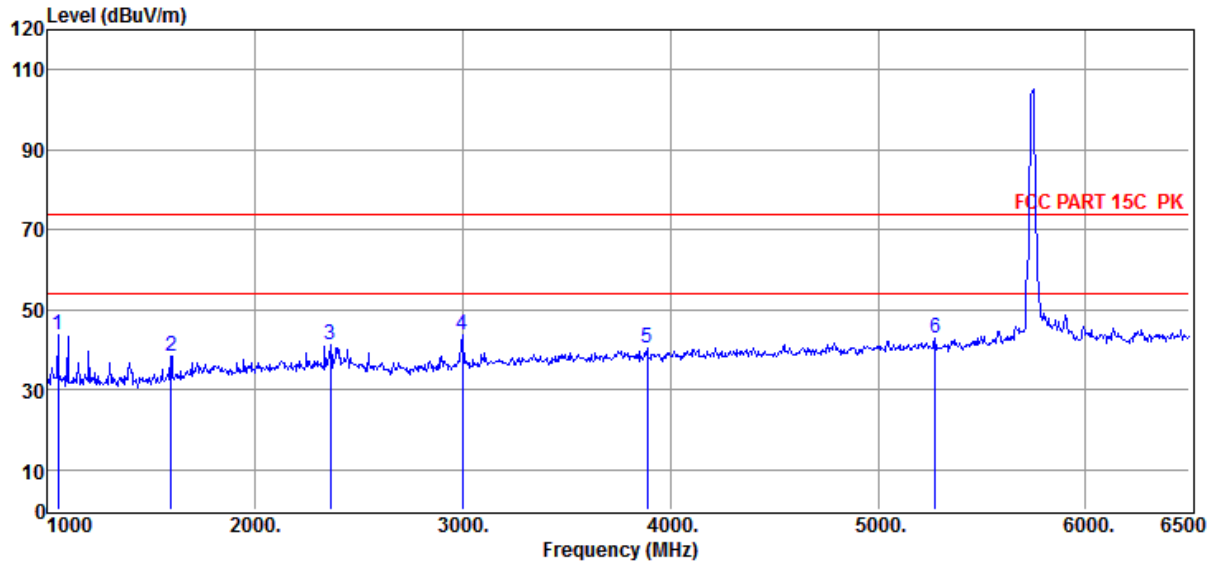
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1049.50	55.42	23.70	-35.17	43.95	74.00	-30.05	Peak	HORIZONTAL
2	2391.50	49.92	28.05	-34.02	43.95	74.00	-30.05	Peak	HORIZONTAL
3	2996.50	47.67	29.19	-33.54	43.32	74.00	-30.68	Peak	HORIZONTAL
4	3750.00	41.50	31.00	-32.55	39.95	74.00	-34.05	Peak	HORIZONTAL
5	4685.00	41.94	32.27	-32.60	41.61	74.00	-32.39	Peak	HORIZONTAL
6	6126.00	42.33	35.43	-32.57	45.19	74.00	-28.81	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5745MHz			

Data: 210



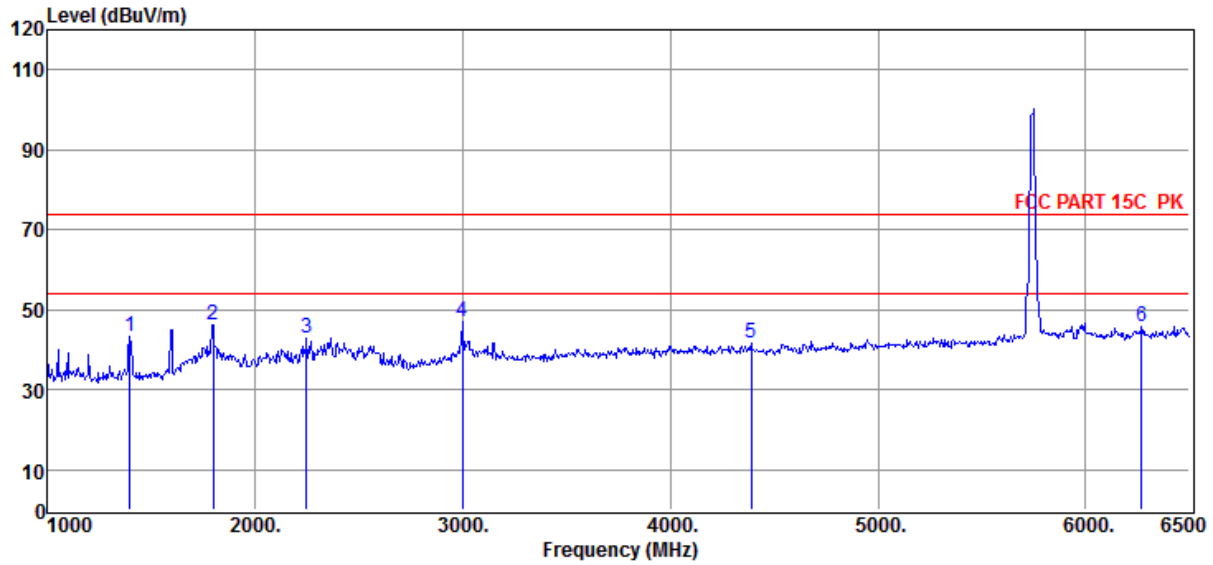
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1049.50	55.03	23.70	-35.17	43.56	74.00	-30.44	Peak	HORIZONTAL
2	1594.00	46.80	26.08	-34.58	38.30	74.00	-35.70	Peak	HORIZONTAL
3	2364.00	46.97	28.09	-33.98	41.08	74.00	-32.92	Peak	HORIZONTAL
4	2996.50	47.99	29.19	-33.54	43.64	74.00	-30.36	Peak	HORIZONTAL
5	3887.50	41.98	31.33	-32.99	40.32	74.00	-33.68	Peak	HORIZONTAL
6	5273.50	41.63	33.39	-32.19	42.83	74.00	-31.17	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5745MHz			

Data: 211



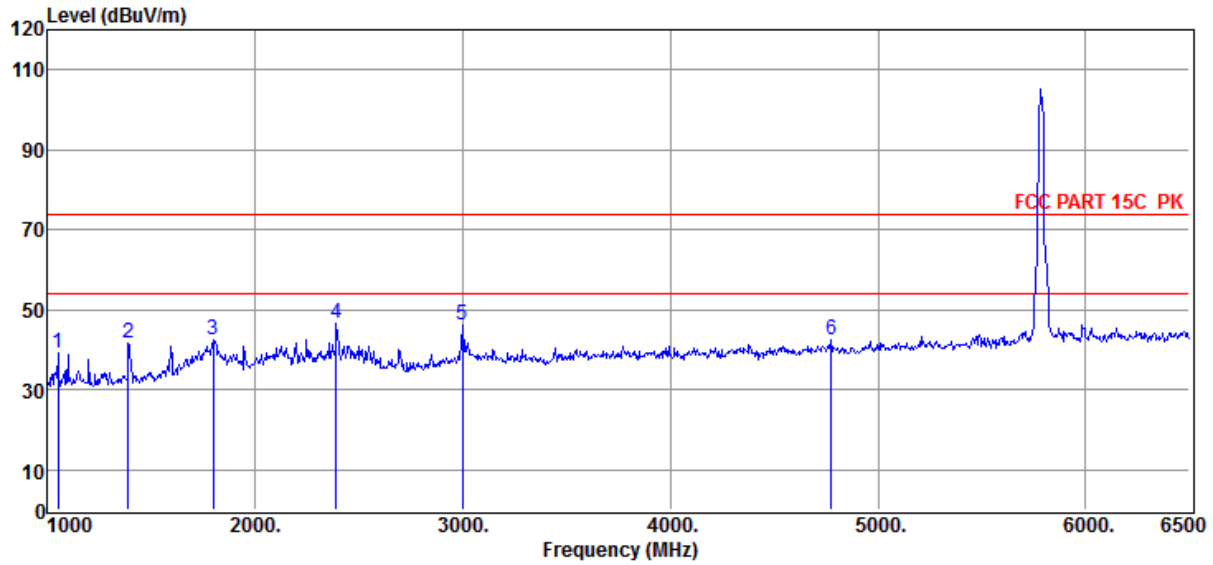
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1396.00	52.96	25.08	-34.74	43.30	74.00	-30.70	Peak	VERTICAL
2	1797.50	53.15	27.34	-34.41	46.08	74.00	-27.92	Peak	VERTICAL
3	2248.50	48.98	28.25	-34.22	43.01	74.00	-30.99	Peak	VERTICAL
4	2996.50	51.21	29.19	-33.54	46.86	74.00	-27.14	Peak	VERTICAL
5	4388.00	42.47	31.83	-32.46	41.84	74.00	-32.16	Peak	VERTICAL
6	6269.00	42.86	35.57	-32.48	45.95	74.00	-28.05	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5785MHz			

Data: 212



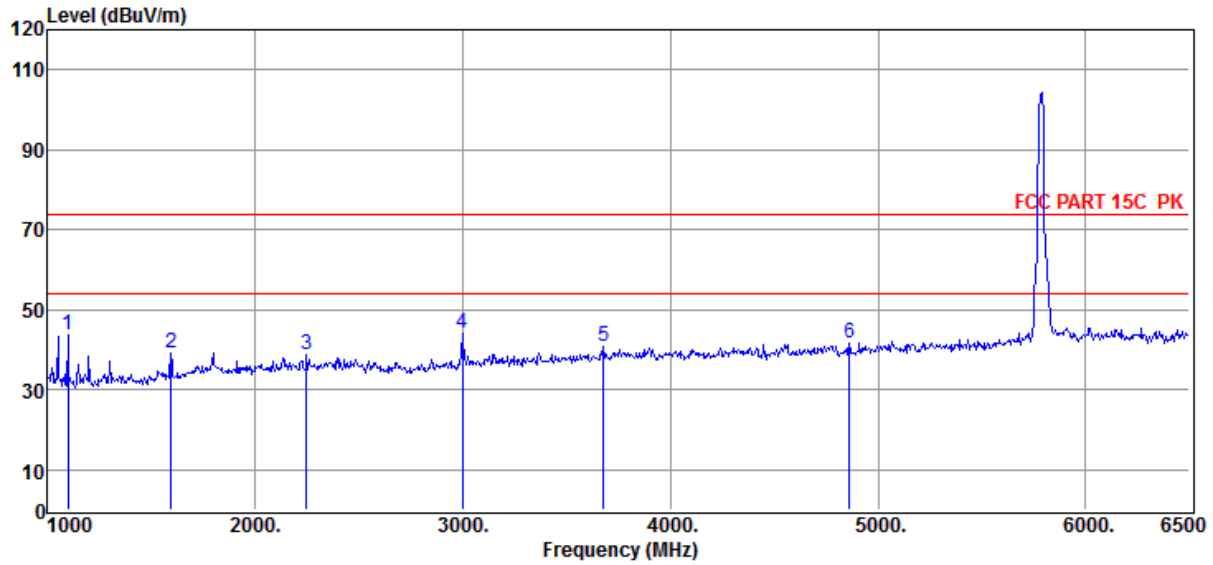
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1049.50	50.82	23.70	-35.17	39.35	74.00	-34.65	Peak	VERTICAL
2	1390.50	51.41	25.06	-34.75	41.72	74.00	-32.28	Peak	VERTICAL
3	1797.50	49.34	27.34	-34.41	42.27	74.00	-31.73	Peak	VERTICAL
4	2391.50	52.43	28.05	-34.02	46.46	74.00	-27.54	Peak	VERTICAL
5	2996.50	50.65	29.19	-33.54	46.30	74.00	-27.70	Peak	VERTICAL
6	4773.00	42.10	32.45	-32.16	42.39	74.00	-31.61	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5785MHz			

Data: 213



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1099.00	54.85	23.90	-35.24	43.51	74.00	-30.49	Peak	HORIZONTAL
2	1594.00	47.71	26.08	-34.58	39.21	74.00	-34.79	Peak	HORIZONTAL
3	2248.50	44.75	28.25	-34.22	38.78	74.00	-35.22	Peak	HORIZONTAL
4	2996.50	48.42	29.19	-33.54	44.07	74.00	-29.93	Peak	HORIZONTAL
5	3678.50	43.07	30.83	-32.99	40.91	74.00	-33.09	Peak	HORIZONTAL
6	4861.00	41.46	32.62	-32.43	41.65	74.00	-32.35	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

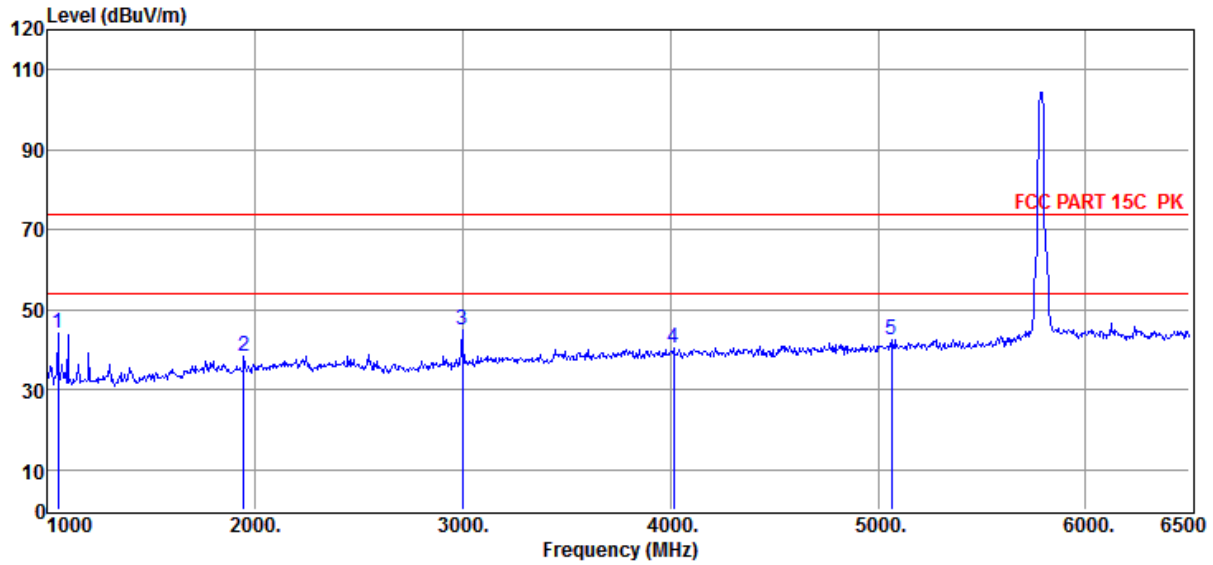
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT2 6M 5785MHz

Data: 214



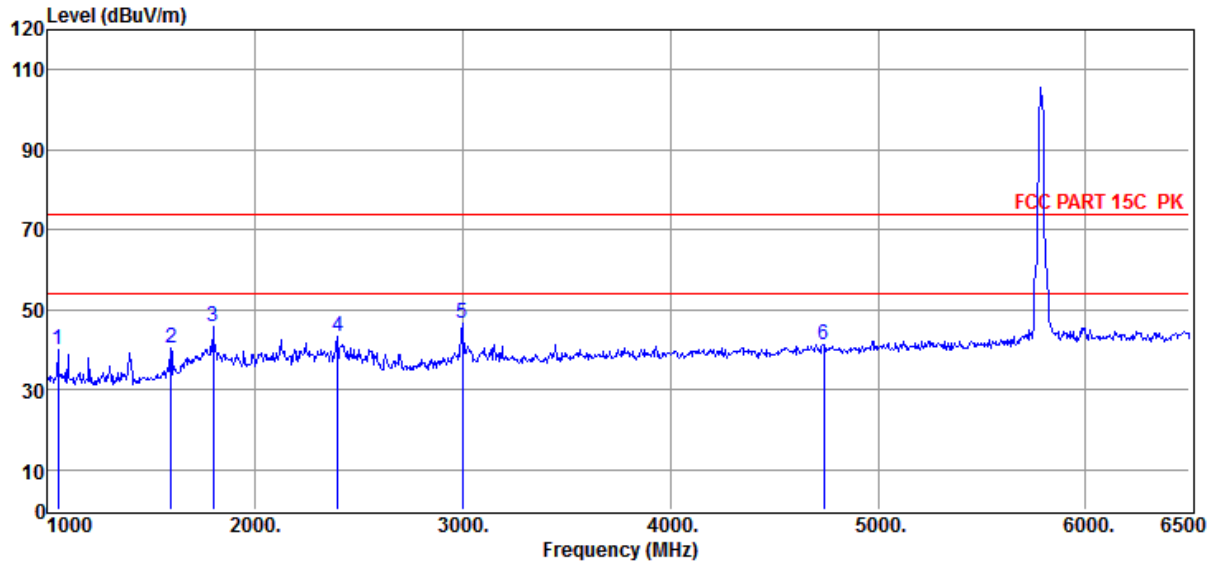
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1049.50	55.39	23.70	-35.17	43.92	74.00	-30.08	Peak	HORIZONTAL
2	1946.00	44.32	28.27	-34.30	38.29	74.00	-35.71	Peak	HORIZONTAL
3	2996.50	49.47	29.19	-33.54	45.12	74.00	-28.88	Peak	HORIZONTAL
4	4014.00	41.37	31.61	-32.76	40.22	74.00	-33.78	Peak	HORIZONTAL
5	5064.50	41.70	33.02	-32.14	42.58	74.00	-31.42	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5785MHz			

Data: 215



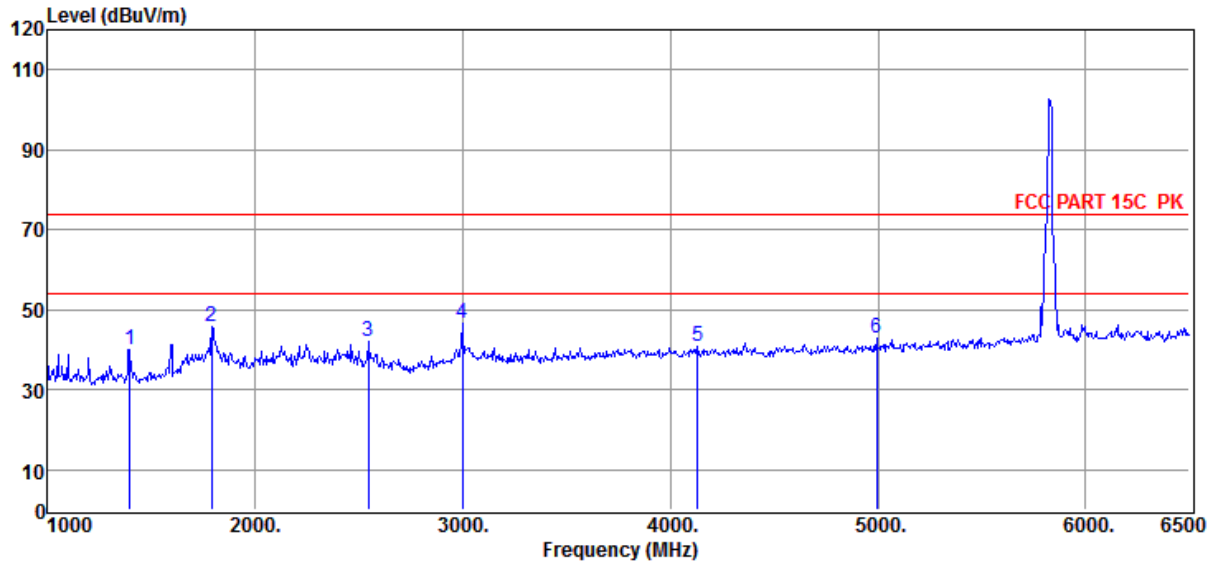
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1049.50	51.27	23.70	-35.17	39.80	74.00	-34.20	Peak	VERTICAL
2	1594.00	49.01	26.08	-34.58	40.51	74.00	-33.49	Peak	VERTICAL
3	1797.50	52.97	27.34	-34.41	45.90	74.00	-28.10	Peak	VERTICAL
4	2397.00	49.16	28.04	-34.04	43.16	74.00	-30.84	Peak	VERTICAL
5	2996.50	50.99	29.19	-33.54	46.64	74.00	-27.36	Peak	VERTICAL
6	4740.00	41.03	32.38	-32.20	41.21	74.00	-32.79	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5825MHz			

Data: 216



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1396.00	49.79	25.08	-34.74	40.13	74.00	-33.87	Peak	VERTICAL
2	1792.00	53.07	27.31	-34.45	45.93	74.00	-28.07	Peak	VERTICAL
3	2545.50	47.46	28.02	-33.54	41.94	74.00	-32.06	Peak	VERTICAL
4	2996.50	51.11	29.19	-33.54	46.76	74.00	-27.24	Peak	VERTICAL
5	4129.50	41.72	31.68	-32.77	40.63	74.00	-33.37	Peak	VERTICAL
6	4993.00	42.22	32.89	-32.02	43.09	74.00	-30.91	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

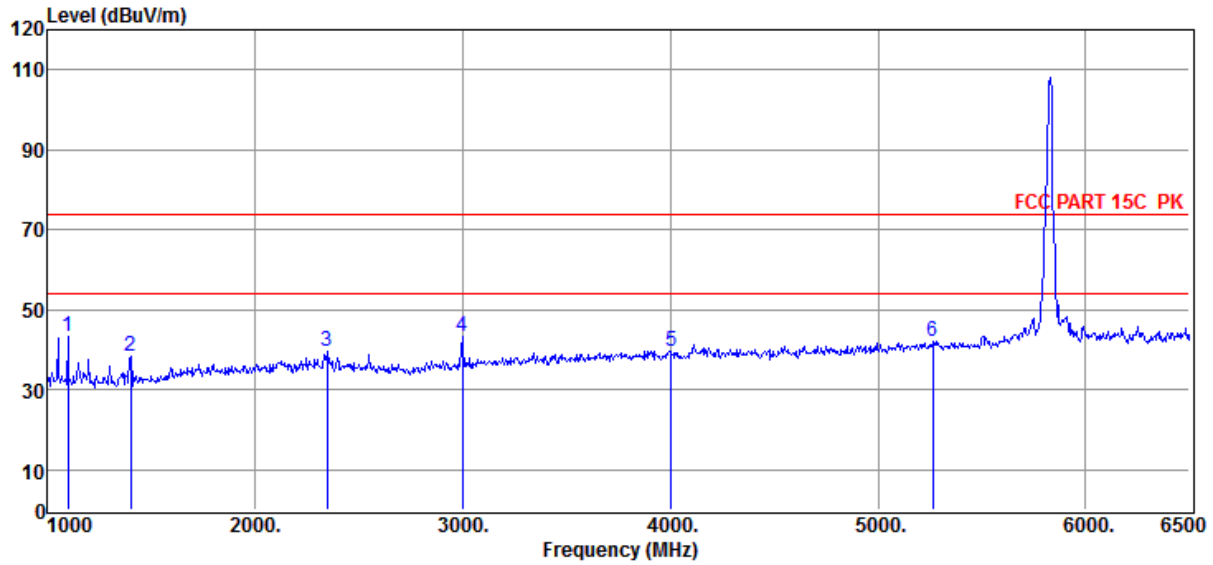
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT1 6M 5825MHz

Data: 217



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1099.00	54.65	23.90	-35.24	43.31	74.00	-30.69	Peak	HORIZONTAL
2	1401.50	48.05	25.11	-34.74	38.42	74.00	-35.58	Peak	HORIZONTAL
3	2347.50	45.63	28.11	-33.96	39.78	74.00	-34.22	Peak	HORIZONTAL
4	2996.50	47.49	29.19	-33.54	43.14	74.00	-30.86	Peak	HORIZONTAL
5	4003.00	40.86	31.60	-32.68	39.78	74.00	-34.22	Peak	HORIZONTAL
6	5262.50	40.96	33.37	-32.13	42.20	74.00	-31.80	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

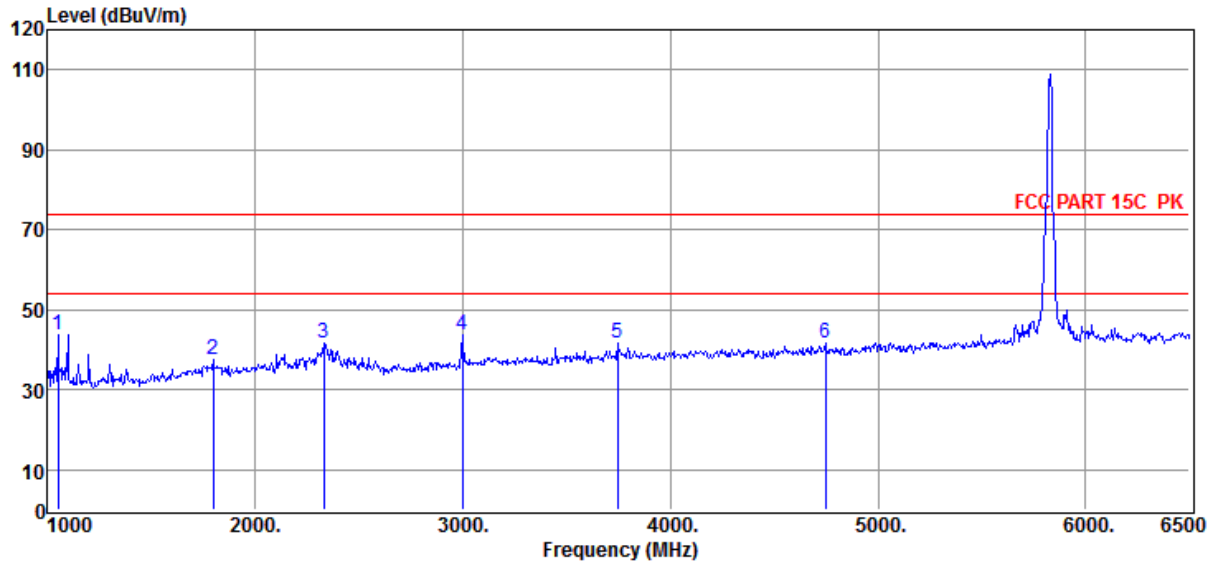
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT2 6M 5825MHz

Data: 218



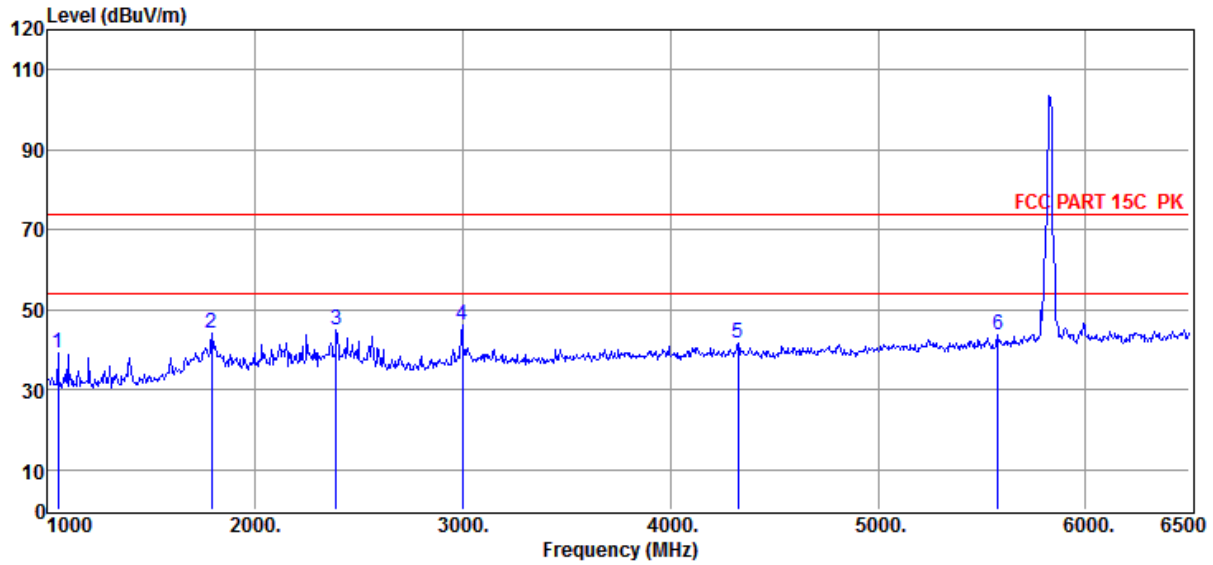
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1049.50	55.34	23.70	-35.17	43.87	74.00	-30.13	Peak	HORIZONTAL
2	1797.50	44.51	27.34	-34.41	37.44	74.00	-36.56	Peak	HORIZONTAL
3	2331.00	47.47	28.14	-34.00	41.61	74.00	-32.39	Peak	HORIZONTAL
4	2996.50	48.01	29.19	-33.54	43.66	74.00	-30.34	Peak	HORIZONTAL
5	3744.50	43.14	30.99	-32.61	41.52	74.00	-32.48	Peak	HORIZONTAL
6	4745.50	41.55	32.39	-32.13	41.81	74.00	-32.19	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5825MHz			

Data: 219



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	1049.50	50.56	23.70	-35.17	39.09	74.00	-34.91	Peak	VERTICAL
2	1792.00	51.45	27.31	-34.45	44.31	74.00	-29.69	Peak	VERTICAL
3	2391.50	50.88	28.05	-34.02	44.91	74.00	-29.09	Peak	VERTICAL
4	2996.50	50.63	29.19	-33.54	46.28	74.00	-27.72	Peak	VERTICAL
5	4327.50	42.17	31.80	-32.36	41.61	74.00	-32.39	Peak	VERTICAL
6	5576.00	42.19	34.03	-32.42	43.80	74.00	-30.20	Peak	VERTICAL

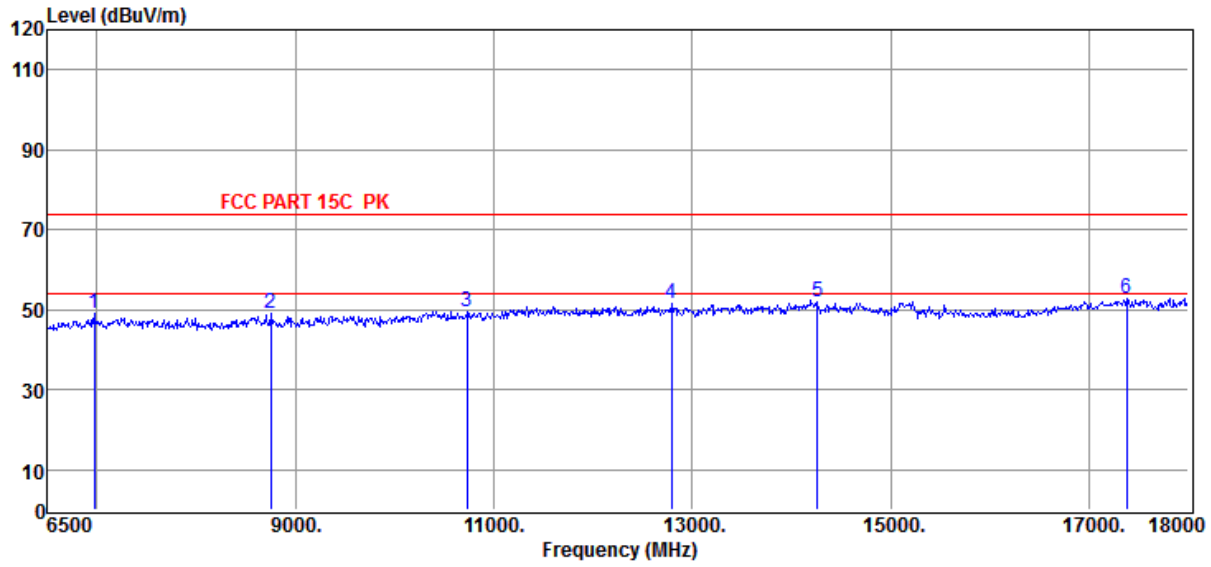
Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission test (6.5GHz – 18GHz)

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5180MHz			

Data: 124



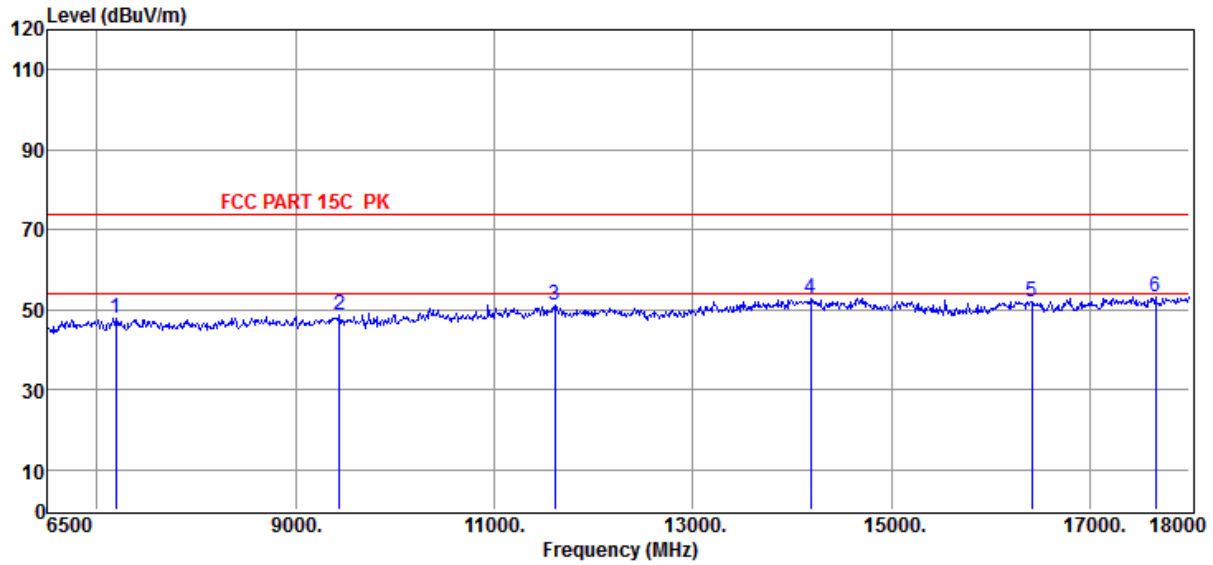
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	6971.50	42.96	36.55	-30.62	48.89	74.00	-25.11	Peak	HORIZONTAL
2	8754.00	42.51	37.55	-30.92	49.14	74.00	-24.86	Peak	HORIZONTAL
3	10732.00	40.41	38.59	-29.46	49.54	74.00	-24.46	Peak	HORIZONTAL
4	12790.50	41.92	39.12	-29.56	51.48	74.00	-22.52	Peak	HORIZONTAL
5	14262.50	38.72	41.03	-27.83	51.92	74.00	-22.08	Peak	HORIZONTAL
6	17379.00	37.32	42.73	-27.22	52.83	74.00	-21.17	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5180MHz			

Data: 125



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7190.00	41.34	36.90	-30.56	47.68	74.00	-26.32	Peak	VERTICAL
2	9444.00	40.87	37.97	-30.15	48.69	74.00	-25.31	Peak	VERTICAL
3	11606.00	40.82	38.68	-28.20	51.30	74.00	-22.70	Peak	VERTICAL
4	14182.00	39.10	41.15	-27.36	52.89	74.00	-21.11	Peak	VERTICAL
5	16413.00	39.24	39.57	-26.65	52.16	74.00	-21.84	Peak	VERTICAL
6	17655.00	38.01	42.68	-27.60	53.09	74.00	-20.91	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

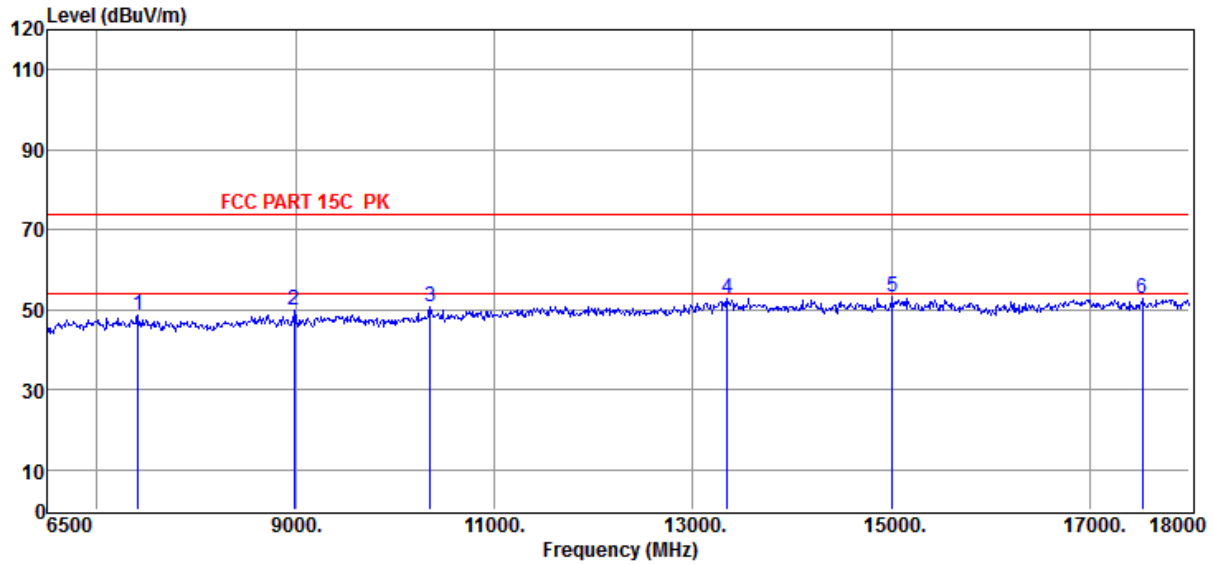
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT2 6M 5180MHz

Data: 126



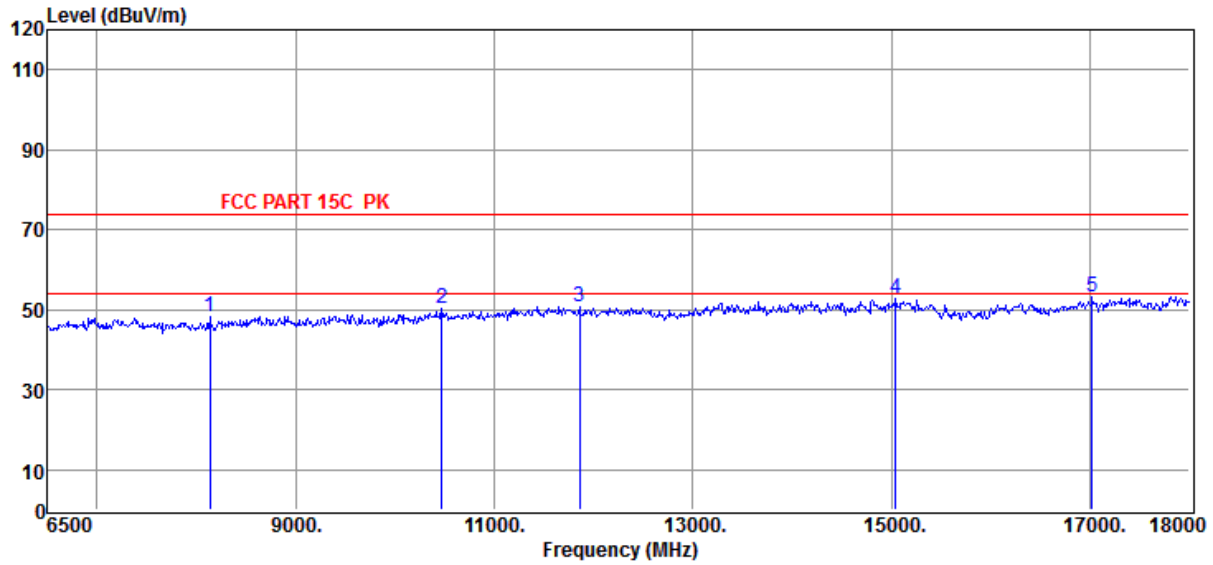
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7408.50	42.14	37.25	-30.72	48.67	74.00	-25.33	Peak	VERTICAL
2	8984.00	43.13	37.69	-30.99	49.83	74.00	-24.17	Peak	VERTICAL
3	10352.50	41.62	38.44	-29.48	50.58	74.00	-23.42	Peak	VERTICAL
4	13342.50	41.86	40.12	-29.24	52.74	74.00	-21.26	Peak	VERTICAL
5	15010.00	41.62	38.98	-27.42	53.18	74.00	-20.82	Peak	VERTICAL
6	17528.50	37.20	42.86	-27.39	52.67	74.00	-21.33	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5180MHz			

Data: 127



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	8133.00	42.56	37.11	-31.39	48.28	74.00	-25.72	Peak	HORIZONTAL
2	10467.50	41.38	38.49	-29.65	50.22	74.00	-23.78	Peak	HORIZONTAL
3	11859.00	40.60	38.63	-28.61	50.62	74.00	-23.38	Peak	HORIZONTAL
4	15044.50	40.93	38.93	-27.20	52.66	74.00	-21.34	Peak	HORIZONTAL
5	17022.50	37.60	42.23	-26.67	53.16	74.00	-20.84	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

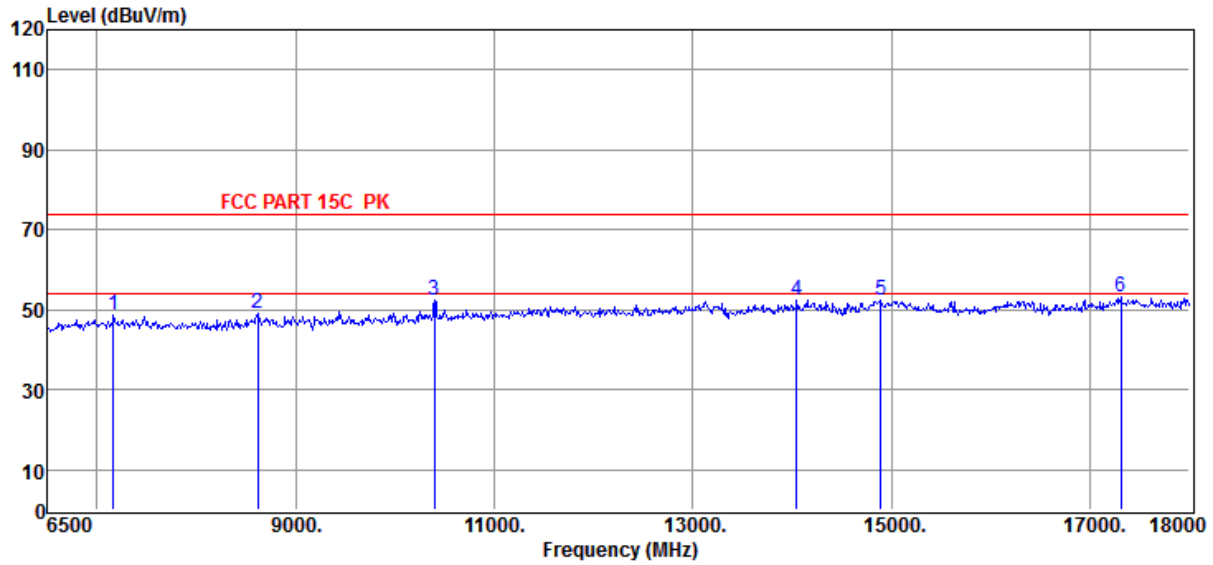
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT1 6M 5200MHz

Data: 128



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7167.00	42.57	36.87	-30.93	48.51	74.00	-25.49	Peak	HORIZONTAL
2	8616.00	42.32	37.47	-30.57	49.22	74.00	-24.78	Peak	HORIZONTAL
3	10398.50	43.23	38.46	-29.28	52.41	74.00	-21.59	Peak	HORIZONTAL
4	14044.00	39.62	41.34	-28.39	52.57	74.00	-21.43	Peak	HORIZONTAL
5	14895.00	40.12	39.36	-27.19	52.29	74.00	-21.71	Peak	HORIZONTAL
6	17310.00	37.17	42.63	-26.80	53.00	74.00	-21.00	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

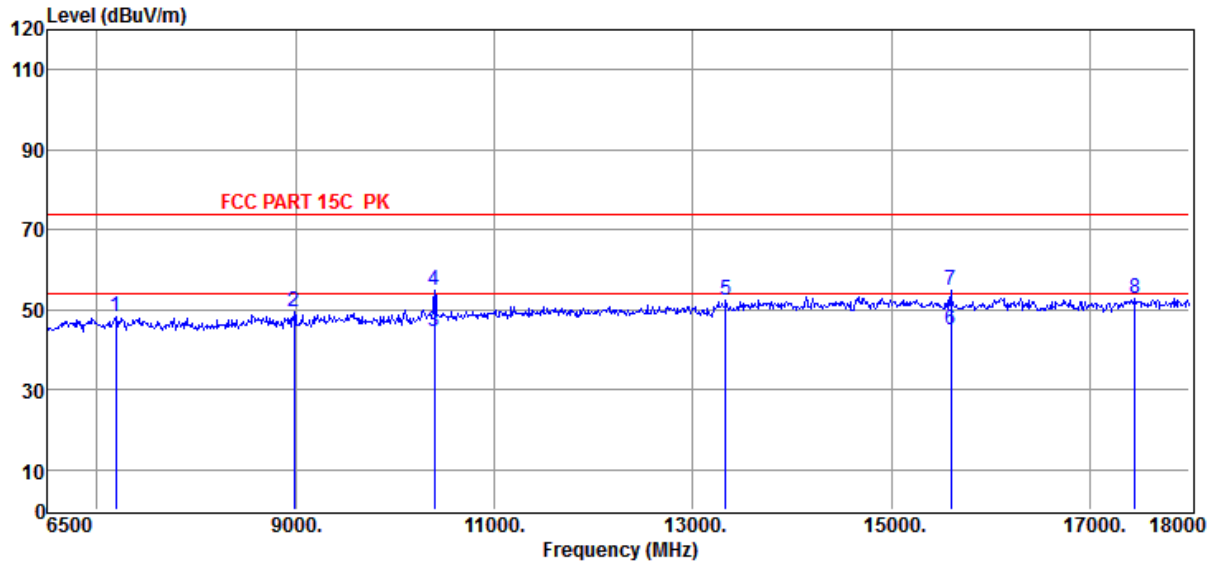
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT1 6M 5200MHz

Data: 129



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7190.00	42.03	36.90	-30.56	48.37	74.00	-25.63	Peak	VERTICAL
2	8984.00	42.70	37.69	-30.99	49.40	74.00	-24.60	Peak	VERTICAL
3	10398.50	35.43	38.46	-29.28	44.61	54.00	-9.39	Average	VERTICAL
4	10398.50	45.58	38.46	-29.28	54.76	74.00	-19.24	Peak	VERTICAL
5	13331.00	41.55	40.10	-29.23	52.42	74.00	-21.58	Peak	VERTICAL
6	15596.50	34.25	38.26	-27.54	44.97	54.00	-9.03	Average	VERTICAL
7	15596.50	44.04	38.26	-27.54	54.76	74.00	-19.24	Peak	VERTICAL
8	17448.00	37.17	42.83	-27.38	52.62	74.00	-21.38	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

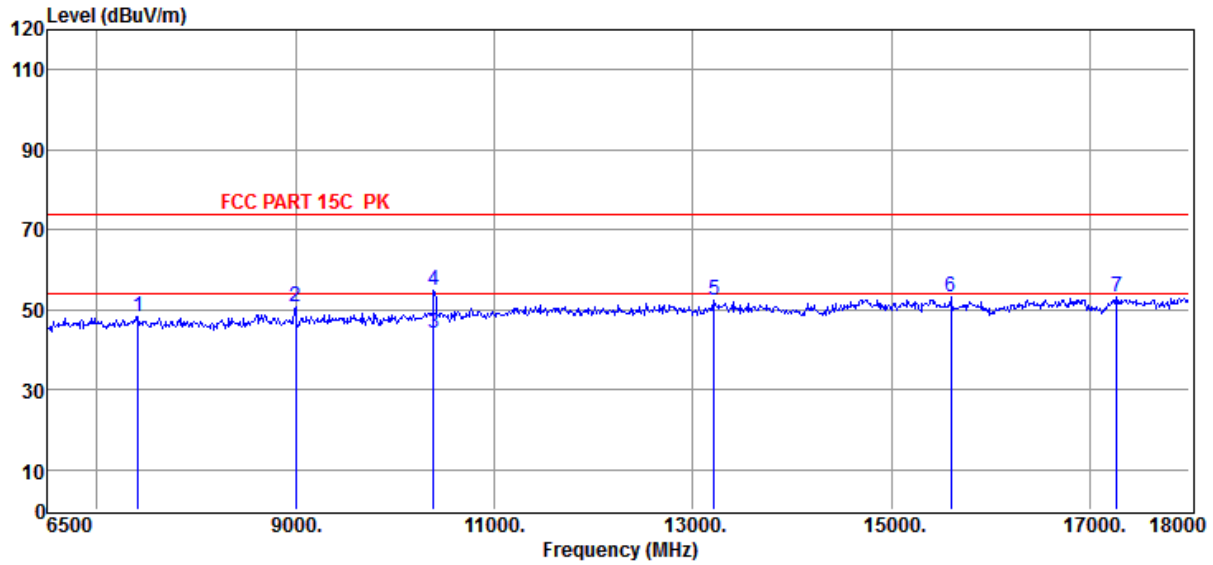
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT2 6M 5200MHz

Data: 130



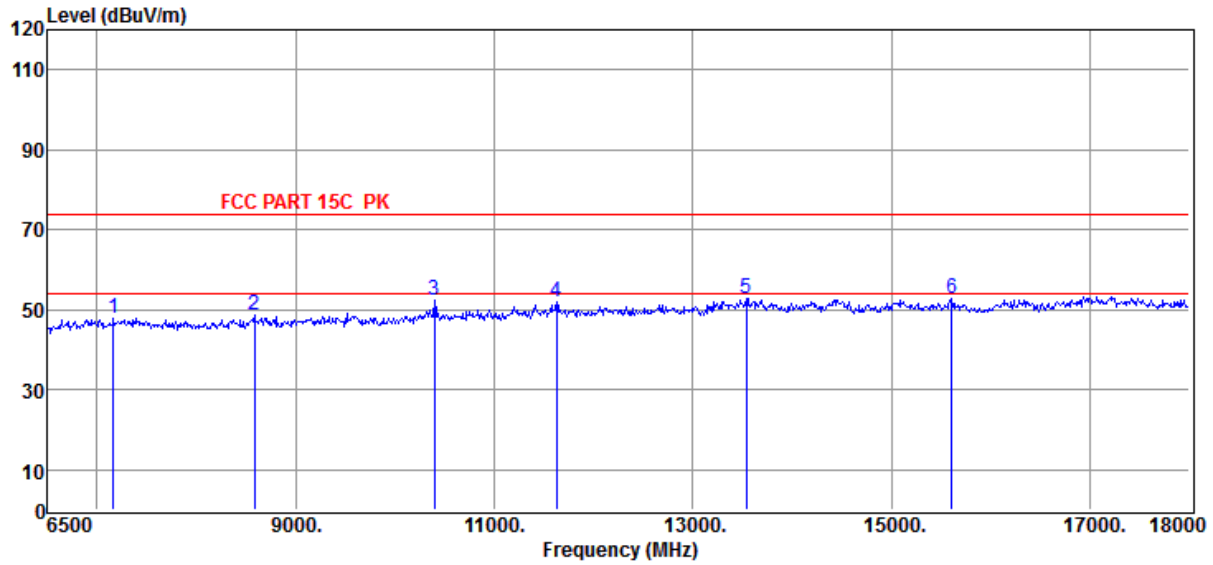
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7408.50	41.87	37.25	-30.72	48.40	74.00	-25.60	Peak	VERTICAL
2	8995.50	43.95	37.70	-31.05	50.60	74.00	-23.40	Peak	VERTICAL
3	10387.00	34.81	38.45	-29.33	43.93	54.00	-10.07	Average	VERTICAL
4	10387.00	45.53	38.45	-29.33	54.65	74.00	-19.35	Peak	VERTICAL
5	13216.00	41.93	39.89	-29.37	52.45	74.00	-21.55	Peak	VERTICAL
6	15596.50	42.47	38.26	-27.54	53.19	74.00	-20.81	Peak	VERTICAL
7	17264.00	37.38	42.57	-26.85	53.10	74.00	-20.90	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5200MHz			

Data: 131



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7167.00	41.87	36.87	-30.93	47.81	74.00	-26.19	Peak	HORIZONTAL
2	8581.50	41.80	37.45	-30.73	48.52	74.00	-25.48	Peak	HORIZONTAL
3	10398.50	43.38	38.46	-29.28	52.56	74.00	-21.44	Peak	HORIZONTAL
4	11629.00	41.51	38.67	-28.30	51.88	74.00	-22.12	Peak	HORIZONTAL
5	13538.00	41.26	40.48	-28.85	52.89	74.00	-21.11	Peak	HORIZONTAL
6	15608.00	42.20	38.26	-27.56	52.90	74.00	-21.10	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

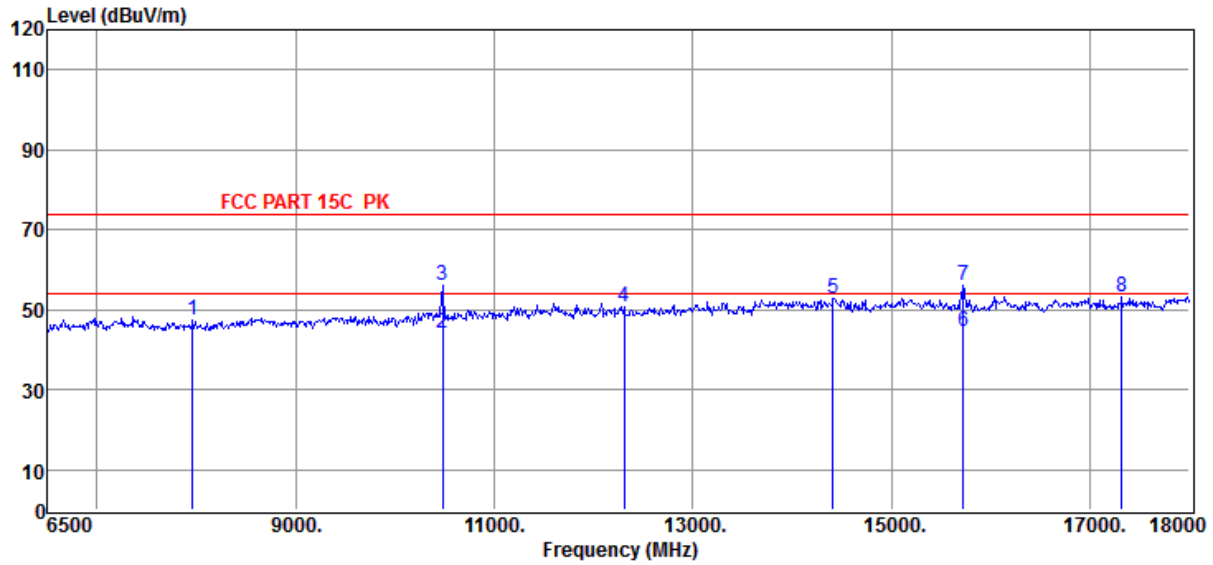
Test Date : 05-23-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT1 6M 5240MHz

Data: 132



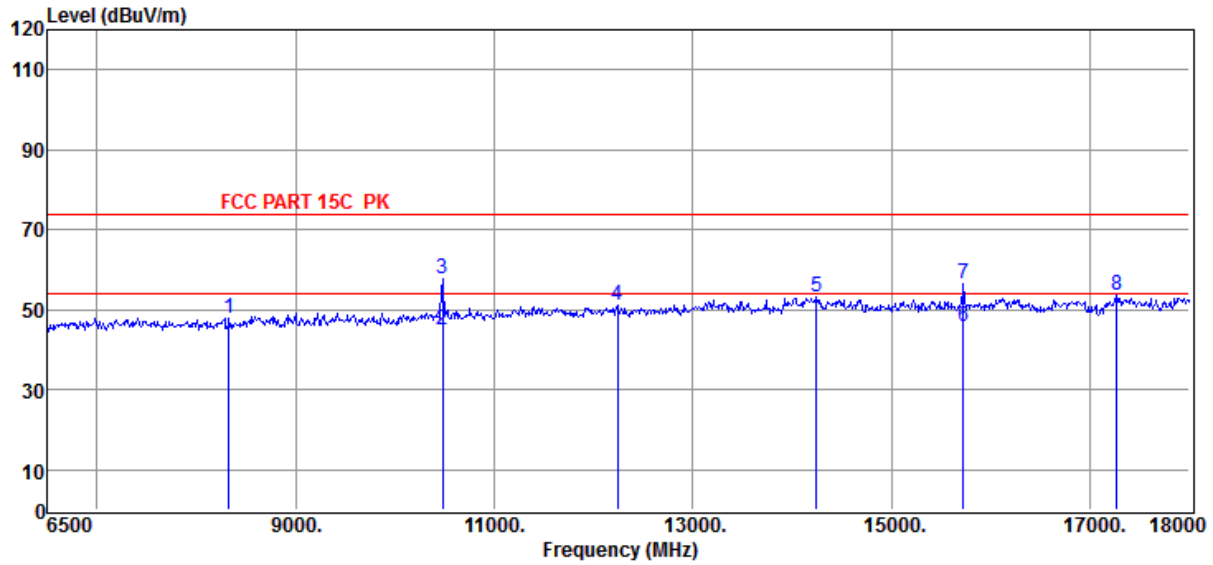
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7960.50	41.59	37.03	-31.09	47.53	74.00	-26.47	Peak	HORIZONTAL
2	10480.00	35.42	38.49	-29.72	44.19	54.00	-9.81	Average	HORIZONTAL
3	10480.00	47.20	38.49	-29.72	55.97	74.00	-18.03	Peak	HORIZONTAL
4	12307.50	41.44	38.60	-29.17	50.87	74.00	-23.13	Peak	HORIZONTAL
5	14412.00	39.30	40.82	-27.27	52.85	74.00	-21.15	Peak	HORIZONTAL
6	15720.00	34.28	38.33	-27.95	44.66	54.00	-9.34	Average	HORIZONTAL
7	15720.00	45.69	38.33	-27.95	56.07	74.00	-17.93	Peak	HORIZONTAL
8	17321.50	37.28	42.65	-26.87	53.06	74.00	-20.94	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-23-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5240MHz			

Data: 133



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	8328.50	41.84	37.26	-31.25	47.85	74.00	-26.15	Peak	VERTICAL
2	10480.00	36.13	38.49	-29.72	44.90	54.00	-9.10	Average	VERTICAL
3	10480.00	48.92	38.49	-29.72	57.69	74.00	-16.31	Peak	VERTICAL
4	12238.50	41.52	38.60	-29.05	51.07	74.00	-22.93	Peak	VERTICAL
5	14239.50	39.76	41.06	-27.56	53.26	74.00	-20.74	Peak	VERTICAL
6	15720.00	35.54	38.33	-27.95	45.92	54.00	-8.08	Average	VERTICAL
7	15720.00	46.25	38.33	-27.95	56.63	74.00	-17.37	Peak	VERTICAL
8	17264.00	37.70	42.57	-26.85	53.42	74.00	-20.58	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

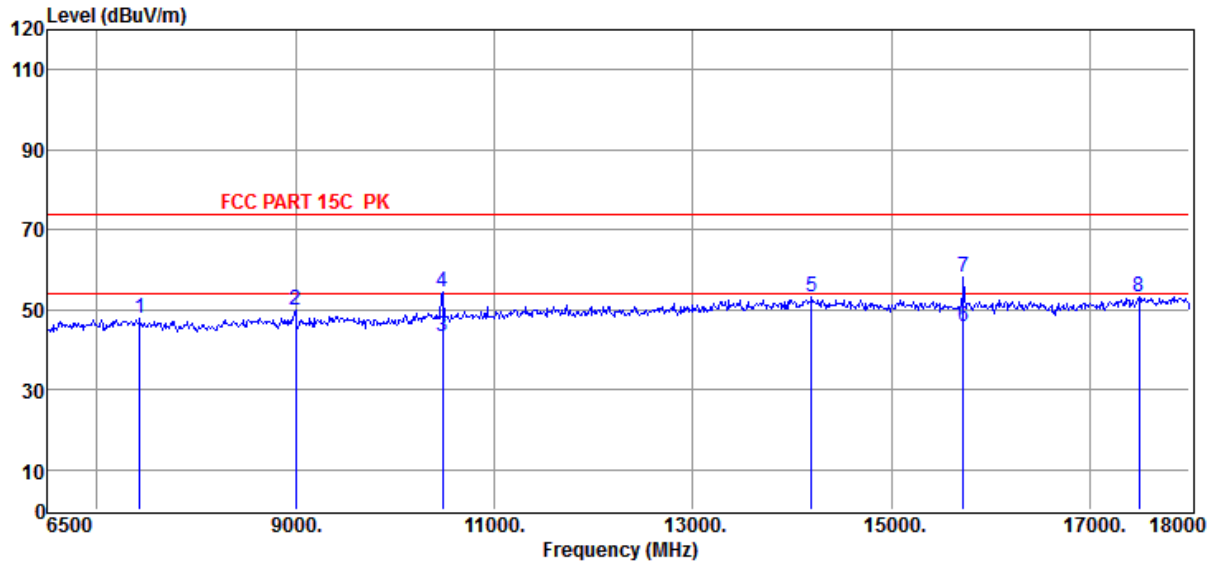
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT2 6M 5240MHz

Data: 134



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7431.50	41.17	37.29	-30.80	47.66	74.00	-26.34	Peak	VERTICAL
2	8995.50	43.15	37.70	-31.05	49.80	74.00	-24.20	Peak	VERTICAL
3	10479.00	34.57	38.49	-29.71	43.35	54.00	-10.65	Average	VERTICAL
4	10479.00	45.78	38.49	-29.71	54.56	74.00	-19.44	Peak	VERTICAL
5	14193.50	39.41	41.13	-27.19	53.35	74.00	-20.65	Peak	VERTICAL
6	15723.00	35.24	38.33	-27.95	45.62	54.00	-8.38	Average	VERTICAL
7	15723.00	47.90	38.33	-27.95	58.28	74.00	-15.72	Peak	VERTICAL
8	17494.00	37.84	42.89	-27.42	53.31	74.00	-20.69	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

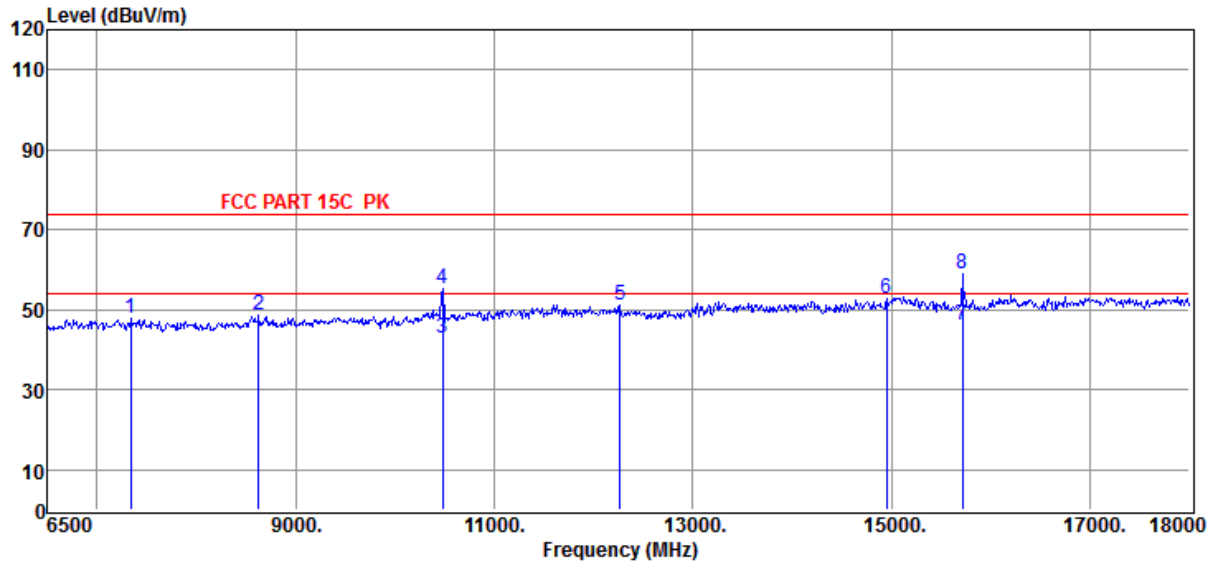
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT2 6M 5240MHz

Data: 135



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7339.50	42.00	37.14	-31.23	47.91	74.00	-26.09	Peak	HORIZONTAL
2	8627.50	41.69	37.48	-30.55	48.62	74.00	-25.38	Peak	HORIZONTAL
3	10479.00	34.26	38.49	-29.71	43.04	54.00	-10.96	Average	HORIZONTAL
4	10479.00	46.47	38.49	-29.71	55.25	74.00	-18.75	Peak	HORIZONTAL
5	12261.50	41.65	38.60	-29.09	51.16	74.00	-22.84	Peak	HORIZONTAL
6	14952.50	40.99	39.16	-27.33	52.82	74.00	-21.18	Peak	HORIZONTAL
7	15711.50	35.83	38.33	-27.96	46.20	54.00	-7.80	Average	HORIZONTAL
8	15711.50	48.68	38.33	-27.96	59.05	74.00	-14.95	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

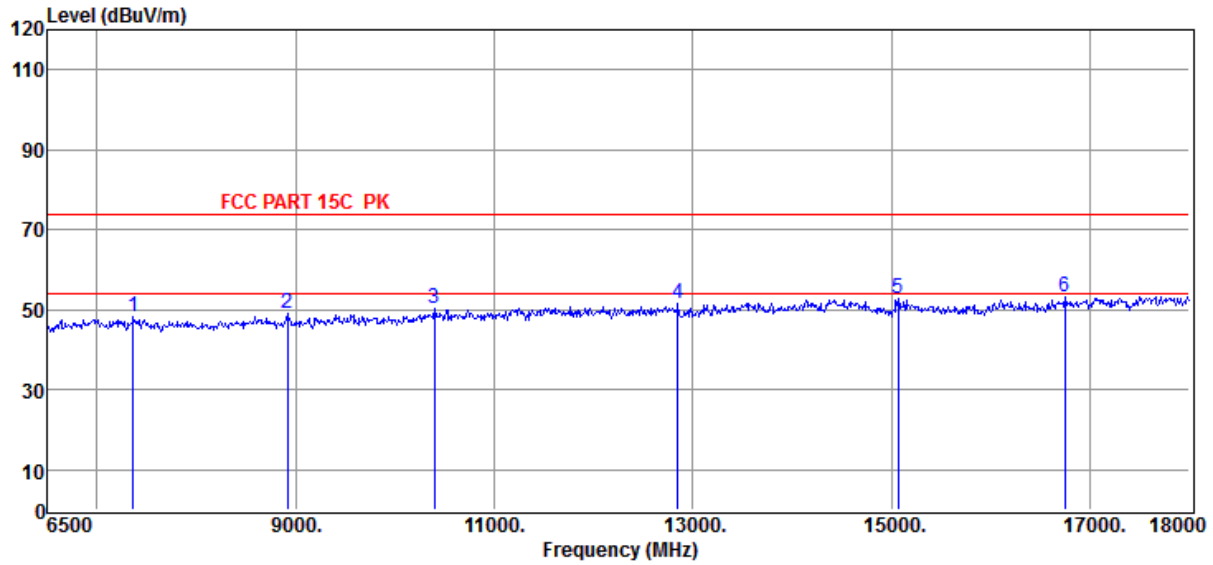
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT1 6M 5260MHz

Data: 136



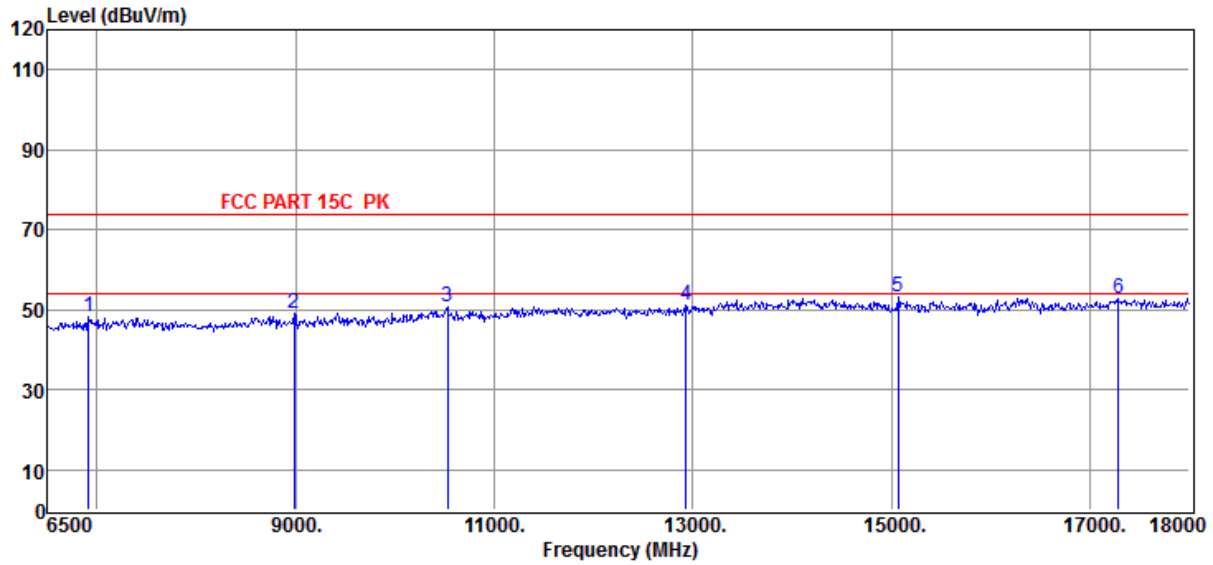
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7362.50	42.19	37.18	-31.08	48.29	74.00	-25.71	Peak	HORIZONTAL
2	8915.00	42.21	37.65	-30.64	49.22	74.00	-24.78	Peak	HORIZONTAL
3	10398.50	41.19	38.46	-29.28	50.37	74.00	-23.63	Peak	HORIZONTAL
4	12848.00	42.08	39.23	-29.86	51.45	74.00	-22.55	Peak	HORIZONTAL
5	15067.50	40.84	38.89	-27.05	52.68	74.00	-21.32	Peak	HORIZONTAL
6	16746.50	39.15	40.98	-27.00	53.13	74.00	-20.87	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5260MHz			

Data: 137



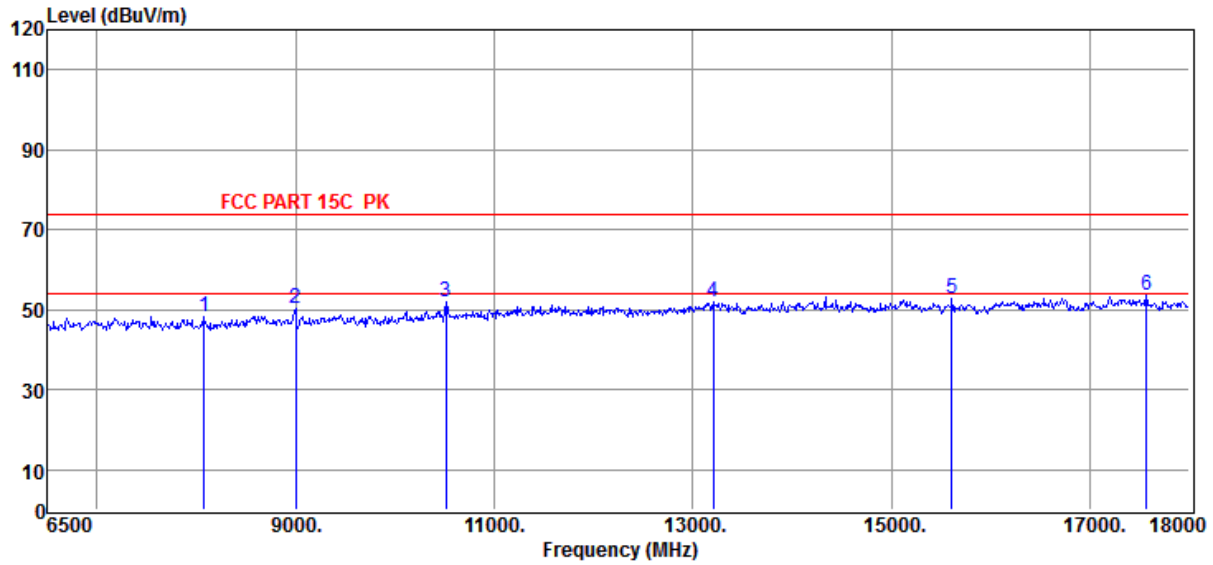
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	6914.00	42.91	36.46	-31.21	48.16	74.00	-25.84	Peak	VERTICAL
2	8984.00	42.17	37.69	-30.99	48.87	74.00	-25.13	Peak	VERTICAL
3	10525.00	41.80	38.51	-29.75	50.56	74.00	-23.44	Peak	VERTICAL
4	12928.50	41.69	39.37	-30.12	50.94	74.00	-23.06	Peak	VERTICAL
5	15067.50	41.16	38.89	-27.05	53.00	74.00	-21.00	Peak	VERTICAL
6	17287.00	37.06	42.60	-26.78	52.88	74.00	-21.12	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5260MHz			

Data: 138



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	8075.50	42.72	37.06	-31.51	48.27	74.00	-25.73	Peak	VERTICAL
2	8995.50	43.55	37.70	-31.05	50.20	74.00	-23.80	Peak	VERTICAL
3	10513.50	43.25	38.51	-29.79	51.97	74.00	-22.03	Peak	VERTICAL
4	13204.50	41.64	39.87	-29.40	52.11	74.00	-21.89	Peak	VERTICAL
5	15608.00	42.08	38.26	-27.56	52.78	74.00	-21.22	Peak	VERTICAL
6	17563.00	37.98	42.81	-27.36	53.43	74.00	-20.57	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

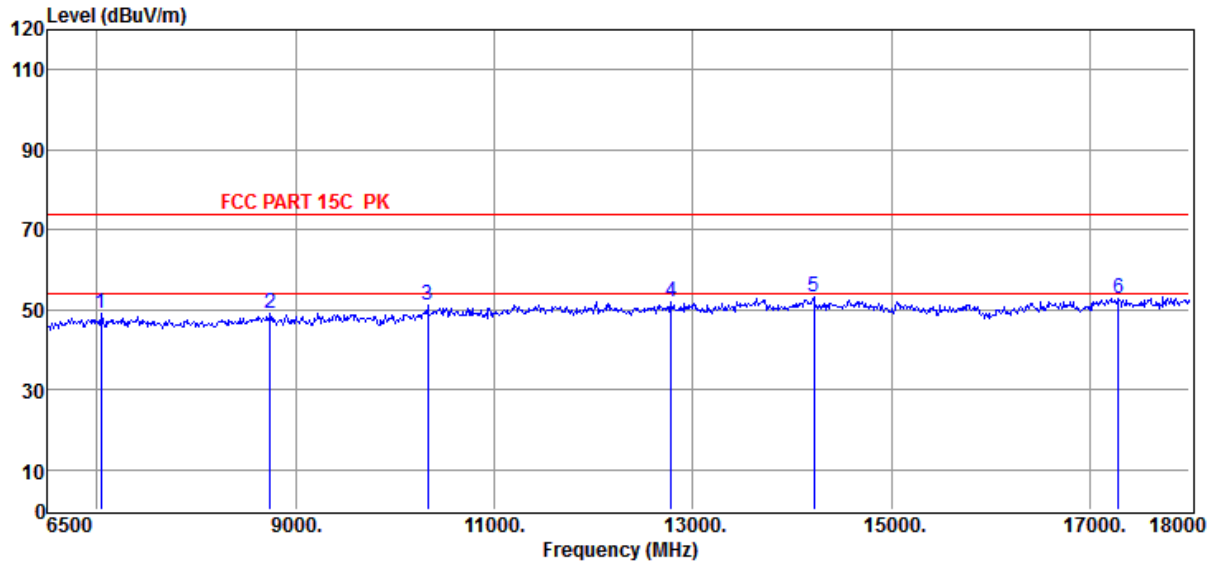
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT2 6M 5260MHz

Data: 139



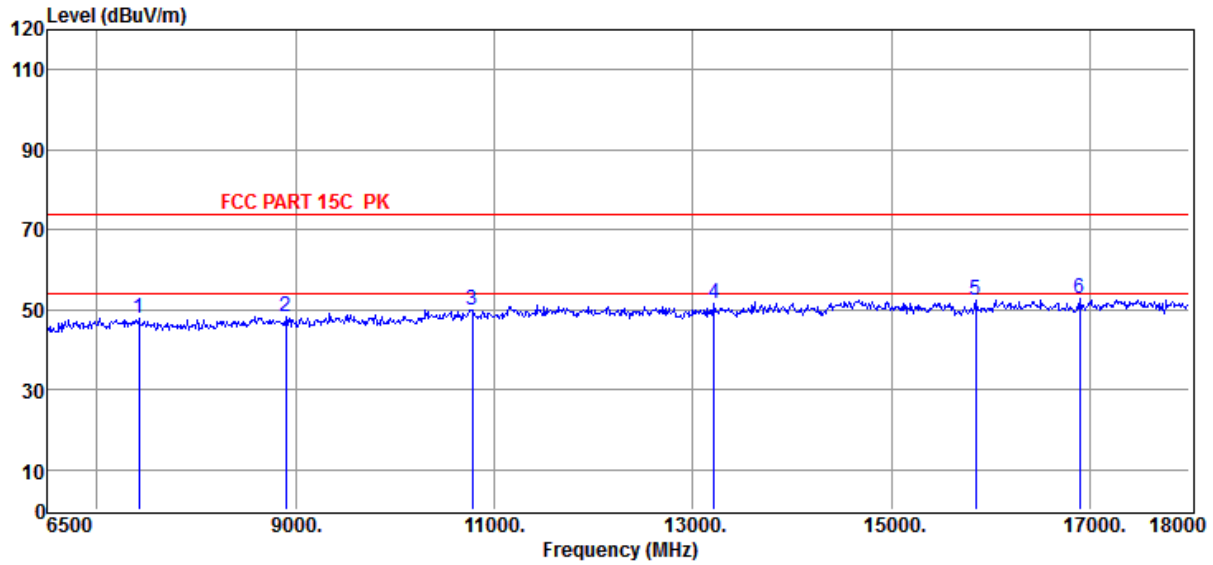
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7040.50	43.26	36.66	-31.05	48.87	74.00	-25.13	Peak	HORIZONTAL
2	8742.50	42.47	37.55	-30.82	49.20	74.00	-24.80	Peak	HORIZONTAL
3	10329.50	42.24	38.43	-29.58	51.09	74.00	-22.91	Peak	HORIZONTAL
4	12779.00	42.32	39.10	-29.62	51.80	74.00	-22.20	Peak	HORIZONTAL
5	14216.50	39.41	41.10	-27.28	53.23	74.00	-20.77	Peak	HORIZONTAL
6	17287.00	37.16	42.60	-26.78	52.98	74.00	-21.02	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5280MHz			

Data: 140



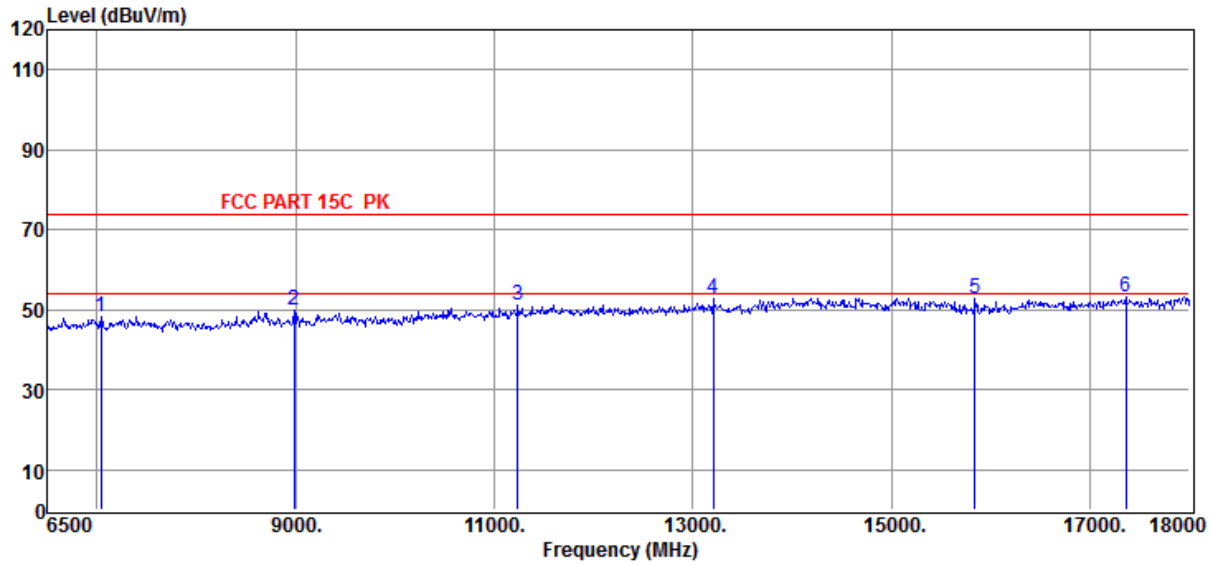
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7420.00	41.49	37.27	-30.76	48.00	74.00	-26.00	Peak	HORIZONTAL
2	8903.50	41.07	37.64	-30.58	48.13	74.00	-25.87	Peak	HORIZONTAL
3	10778.00	40.77	38.61	-29.28	50.10	74.00	-23.90	Peak	HORIZONTAL
4	13216.00	40.96	39.89	-29.37	51.48	74.00	-22.52	Peak	HORIZONTAL
5	15849.50	41.85	38.41	-27.93	52.33	74.00	-21.67	Peak	HORIZONTAL
6	16896.00	38.37	41.70	-27.13	52.94	74.00	-21.06	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5280MHz			

Data: 141



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7040.50	42.79	36.66	-31.05	48.40	74.00	-25.60	Peak	VERTICAL
2	8984.00	43.32	37.69	-30.99	50.02	74.00	-23.98	Peak	VERTICAL
3	11238.00	40.77	38.70	-28.43	51.04	74.00	-22.96	Peak	VERTICAL
4	13204.50	42.17	39.87	-29.40	52.64	74.00	-21.36	Peak	VERTICAL
5	15838.00	42.28	38.40	-27.91	52.77	74.00	-21.23	Peak	VERTICAL
6	17356.00	37.43	42.70	-27.08	53.05	74.00	-20.95	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

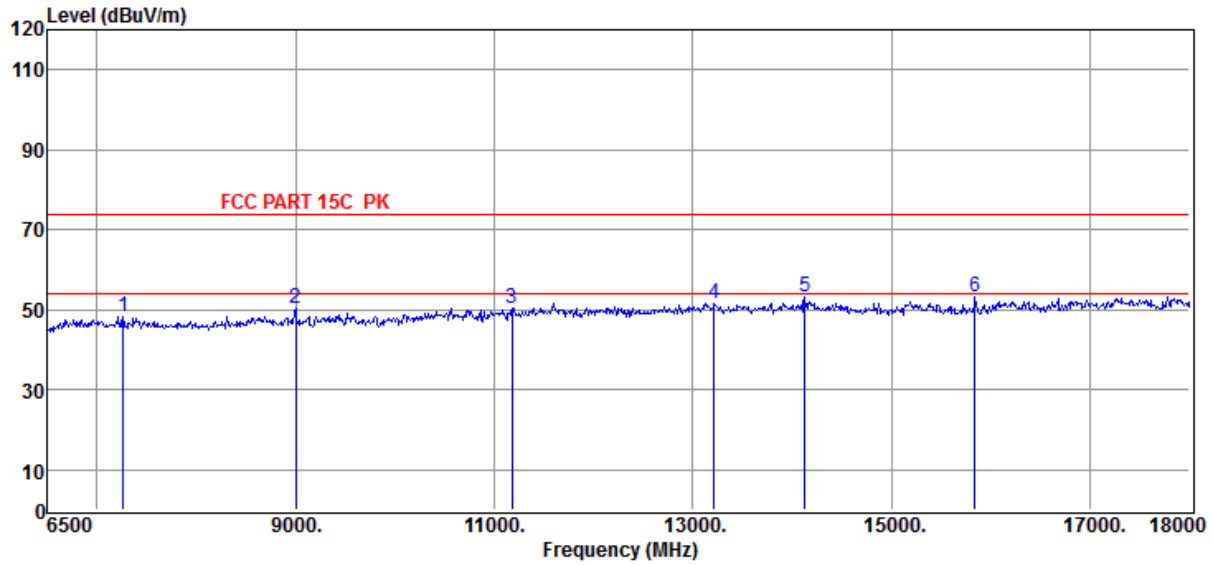
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT2 6M 5280MHz

Data: 142



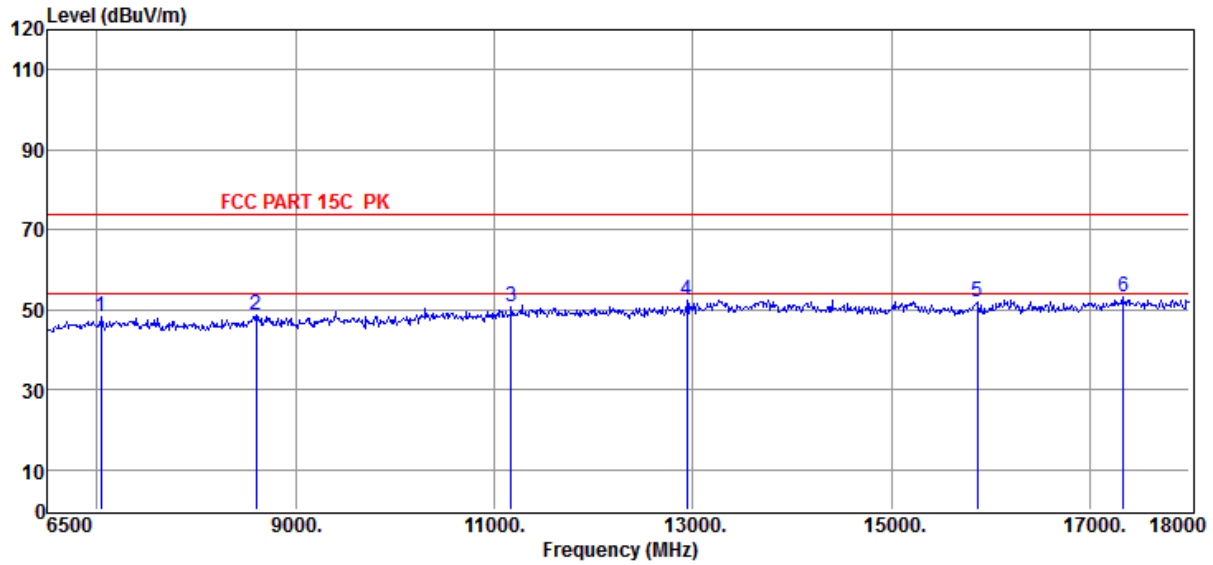
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7259.00	42.17	37.01	-31.08	48.10	74.00	-25.90	Peak	VERTICAL
2	8995.50	43.71	37.70	-31.05	50.36	74.00	-23.64	Peak	VERTICAL
3	11180.50	39.99	38.70	-28.31	50.38	74.00	-23.62	Peak	VERTICAL
4	13216.00	41.21	39.89	-29.37	51.73	74.00	-22.27	Peak	VERTICAL
5	14124.50	40.25	41.23	-28.23	53.25	74.00	-20.75	Peak	VERTICAL
6	15838.00	42.61	38.40	-27.91	53.10	74.00	-20.90	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5280MHz			

Data: 143



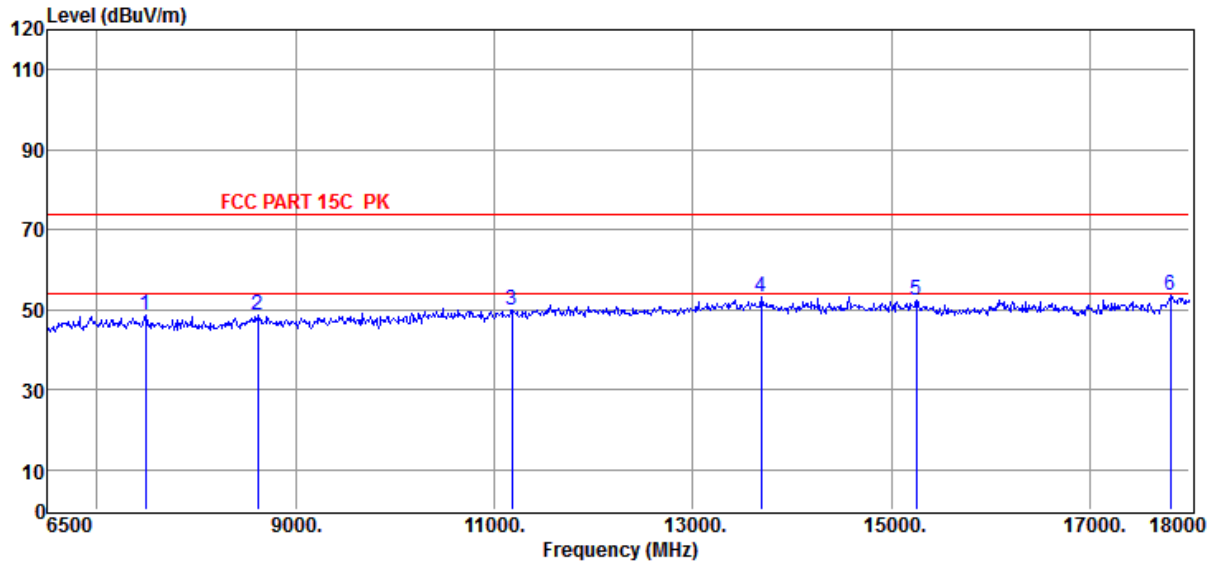
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7040.50	42.51	36.66	-31.05	48.12	74.00	-25.88	Peak	HORIZONTAL
2	8604.50	41.95	37.46	-30.58	48.83	74.00	-25.17	Peak	HORIZONTAL
3	11169.00	40.41	38.70	-28.40	50.71	74.00	-23.29	Peak	HORIZONTAL
4	12940.00	42.91	39.39	-30.07	52.23	74.00	-21.77	Peak	HORIZONTAL
5	15861.00	41.46	38.42	-27.96	51.92	74.00	-22.08	Peak	HORIZONTAL
6	17333.00	37.66	42.67	-26.94	53.39	74.00	-20.61	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5320MHz			

Data: 144



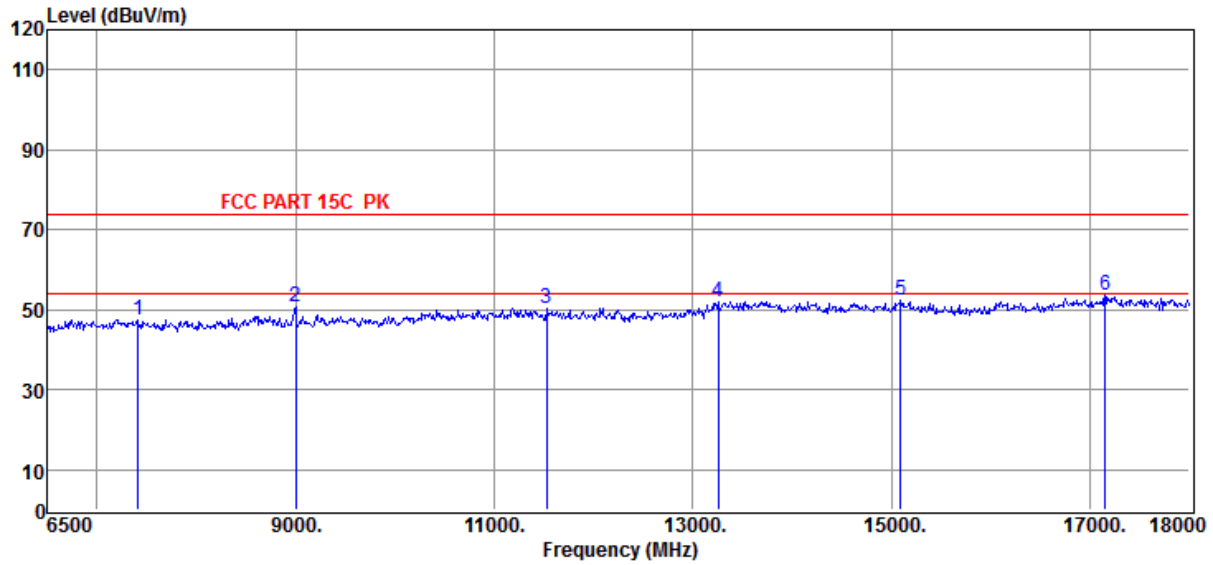
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7489.00	42.38	37.38	-31.06	48.70	74.00	-25.30	Peak	HORIZONTAL
2	8616.00	41.67	37.47	-30.57	48.57	74.00	-25.43	Peak	HORIZONTAL
3	11180.50	39.50	38.70	-28.31	49.89	74.00	-24.11	Peak	HORIZONTAL
4	13687.50	40.93	40.78	-28.55	53.16	74.00	-20.84	Peak	HORIZONTAL
5	15251.50	41.40	38.60	-27.48	52.52	74.00	-21.48	Peak	HORIZONTAL
6	17804.50	38.51	42.47	-27.56	53.42	74.00	-20.58	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5320MHz			

Data: 145



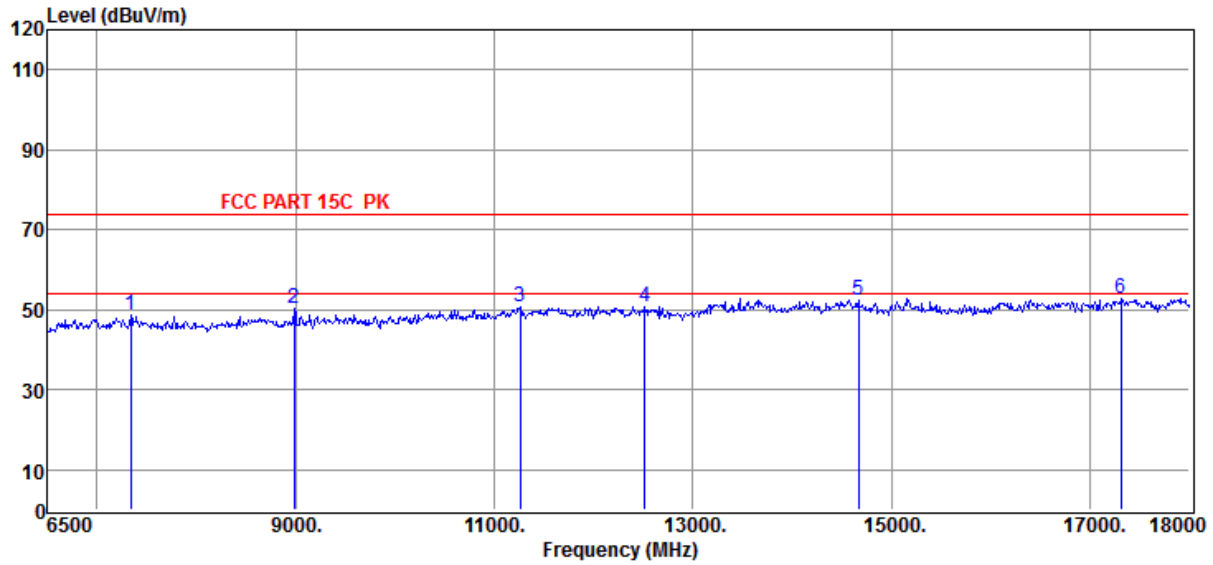
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7408.50	41.03	37.25	-30.72	47.56	74.00	-26.44	Peak	VERTICAL
2	8995.50	44.13	37.70	-31.05	50.78	74.00	-23.22	Peak	VERTICAL
3	11525.50	40.23	38.69	-28.67	50.25	74.00	-23.75	Peak	VERTICAL
4	13250.50	41.12	39.95	-29.30	51.77	74.00	-22.23	Peak	VERTICAL
5	15090.50	40.61	38.86	-26.90	52.57	74.00	-21.43	Peak	VERTICAL
6	17149.00	38.29	42.41	-27.19	53.51	74.00	-20.49	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5320MHz			

Data: 146



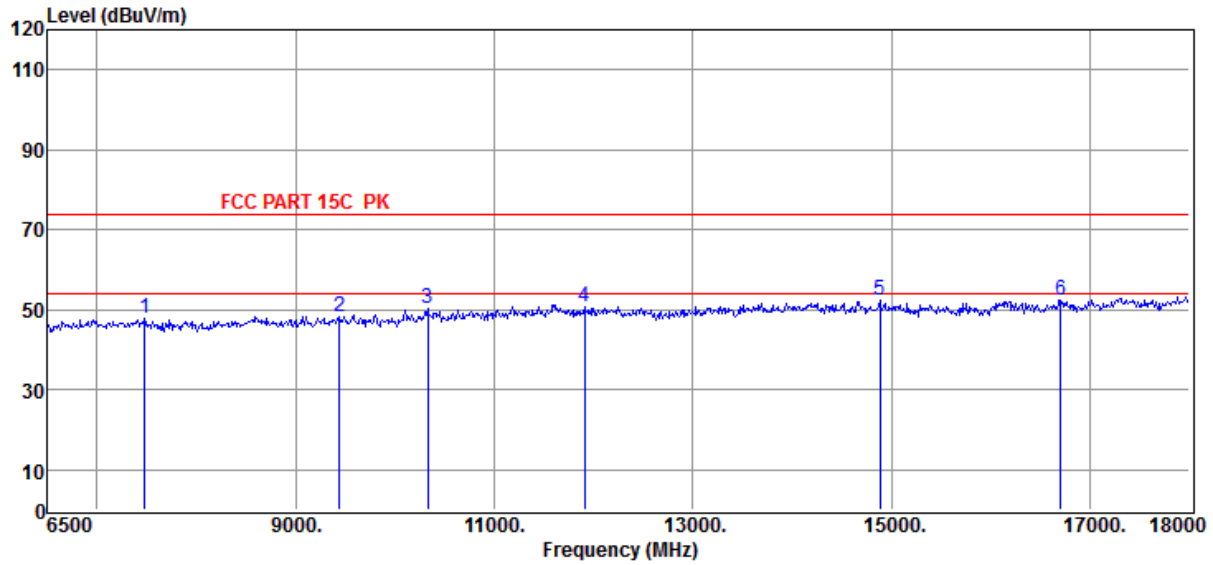
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7339.50	42.70	37.14	-31.23	48.61	74.00	-25.39	Peak	VERTICAL
2	8984.00	43.51	37.69	-30.99	50.21	74.00	-23.79	Peak	VERTICAL
3	11261.00	40.64	38.70	-28.61	50.73	74.00	-23.27	Peak	VERTICAL
4	12514.50	41.80	38.63	-29.59	50.84	74.00	-23.16	Peak	VERTICAL
5	14665.00	39.45	40.14	-27.09	52.50	74.00	-21.50	Peak	VERTICAL
6	17310.00	36.91	42.63	-26.80	52.74	74.00	-21.26	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5320MHz			

Data: 147



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7477.50	41.50	37.36	-31.00	47.86	74.00	-26.14	Peak	HORIZONTAL
2	9444.00	40.39	37.97	-30.15	48.21	74.00	-25.79	Peak	HORIZONTAL
3	10329.50	41.41	38.43	-29.58	50.26	74.00	-23.74	Peak	HORIZONTAL
4	11905.00	40.55	38.62	-28.38	50.79	74.00	-23.21	Peak	HORIZONTAL
5	14883.50	40.15	39.40	-27.25	52.30	74.00	-21.70	Peak	HORIZONTAL
6	16700.50	38.70	40.76	-26.90	52.56	74.00	-21.44	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

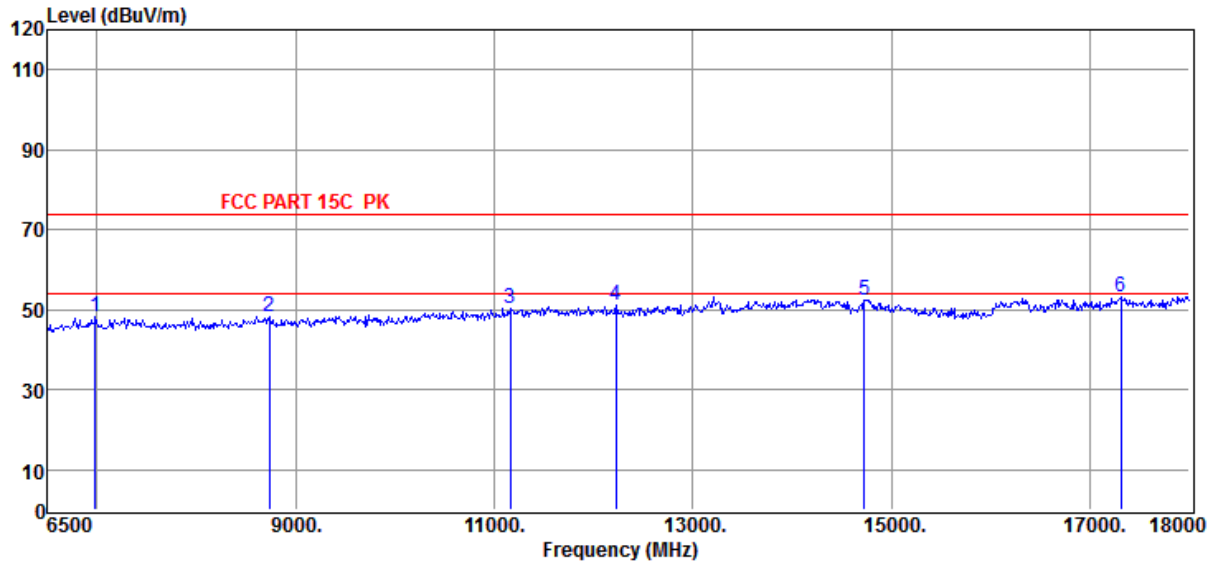
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT1 6M 5500MHz

Data: 148



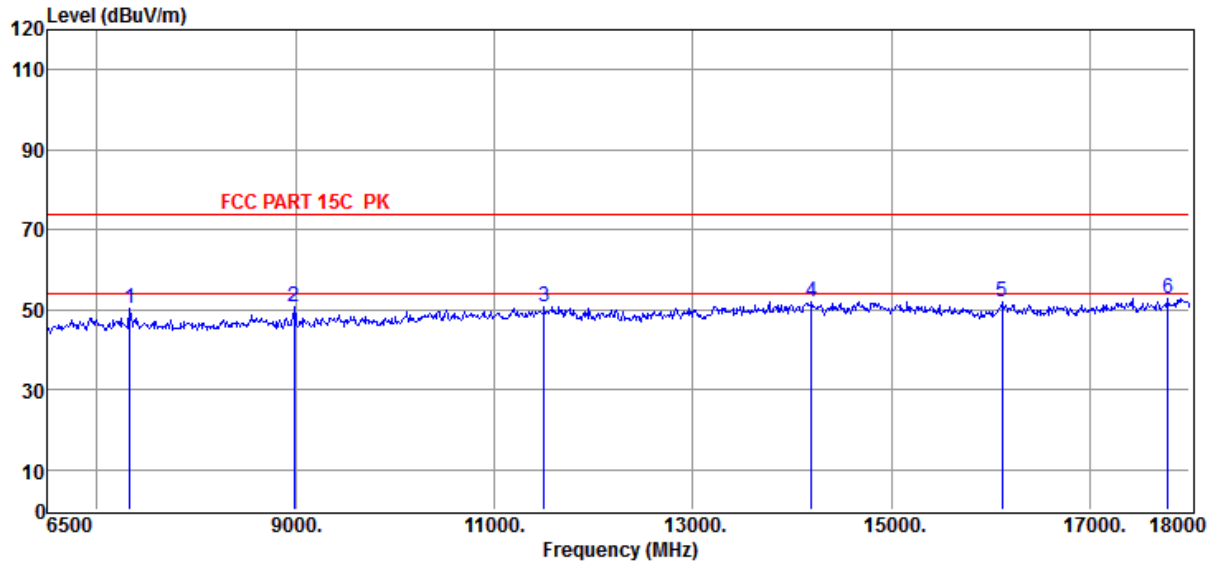
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	6983.00	42.19	36.57	-30.60	48.16	74.00	-25.84	Peak	HORIZONTAL
2	8731.00	41.33	37.54	-30.72	48.15	74.00	-25.85	Peak	HORIZONTAL
3	11157.50	40.05	38.70	-28.49	50.26	74.00	-23.74	Peak	HORIZONTAL
4	12227.00	41.55	38.60	-29.03	51.12	74.00	-22.88	Peak	HORIZONTAL
5	14722.50	39.65	39.94	-27.05	52.54	74.00	-21.46	Peak	HORIZONTAL
6	17310.00	37.37	42.63	-26.80	53.20	74.00	-20.80	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5500MHz			

Data: 149



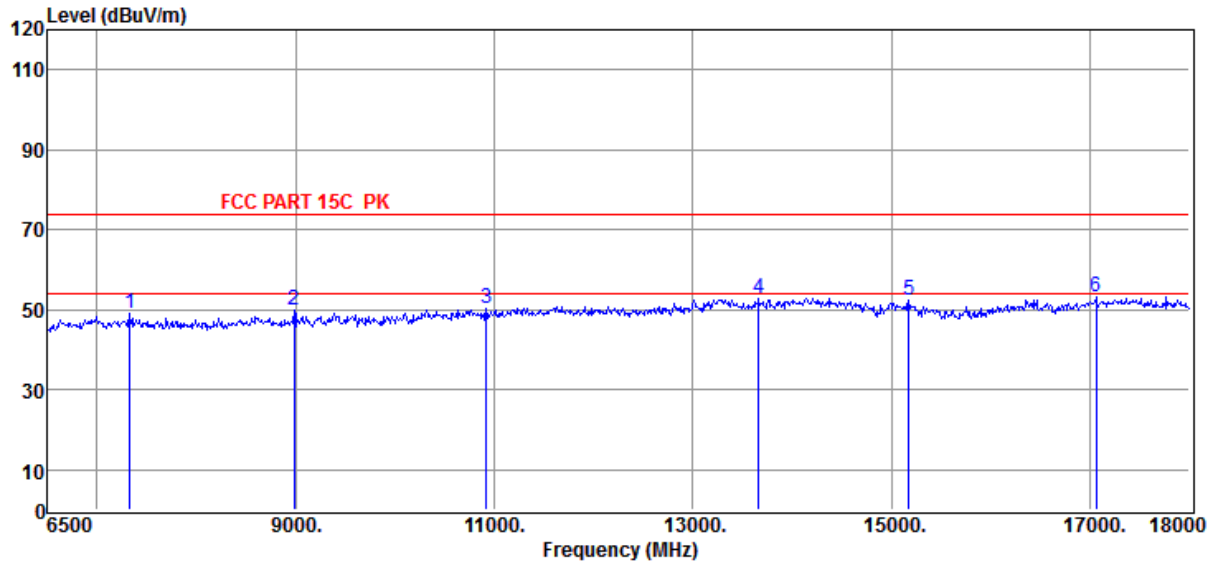
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7328.00	44.33	37.12	-31.26	50.19	74.00	-23.81	Peak	VERTICAL
2	8984.00	43.87	37.69	-30.99	50.57	74.00	-23.43	Peak	VERTICAL
3	11502.50	40.97	38.70	-28.82	50.85	74.00	-23.15	Peak	VERTICAL
4	14193.50	38.00	41.13	-27.19	51.94	74.00	-22.06	Peak	VERTICAL
5	16114.00	40.07	38.80	-26.96	51.91	74.00	-22.09	Peak	VERTICAL
6	17781.50	37.86	42.51	-27.60	52.77	74.00	-21.23	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5500MHz			

Data: 150



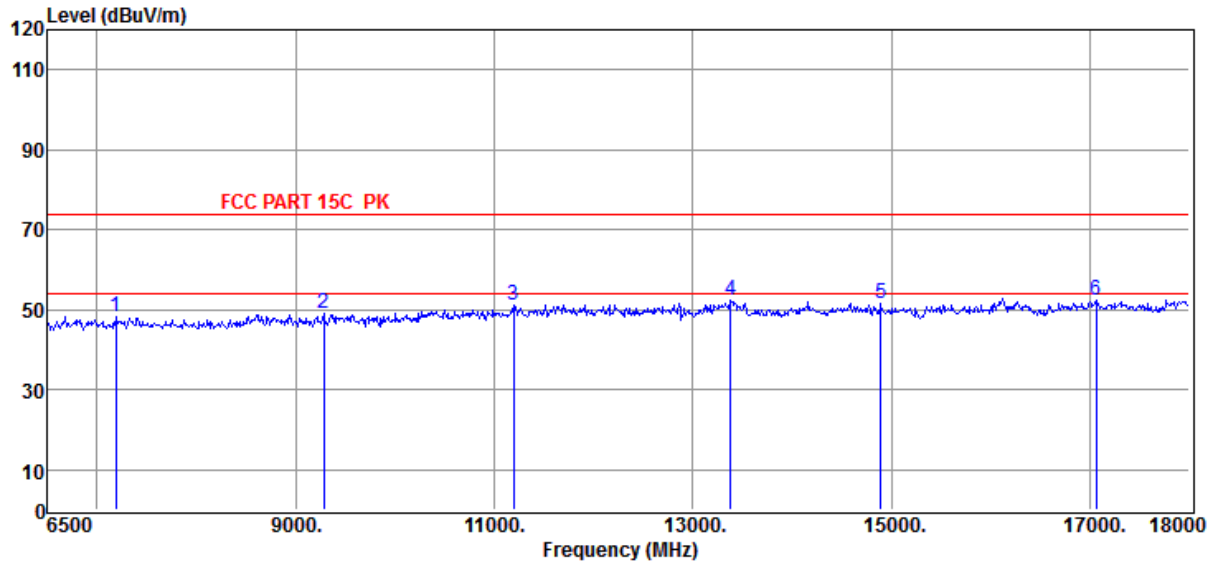
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7328.00	43.08	37.12	-31.26	48.94	74.00	-25.06	Peak	VERTICAL
2	8984.00	43.38	37.69	-30.99	50.08	74.00	-23.92	Peak	VERTICAL
3	10916.00	40.99	38.67	-29.34	50.32	74.00	-23.68	Peak	VERTICAL
4	13664.50	40.60	40.73	-28.75	52.58	74.00	-21.42	Peak	VERTICAL
5	15171.00	40.68	38.73	-27.00	52.41	74.00	-21.59	Peak	VERTICAL
6	17057.00	37.85	42.28	-26.97	53.16	74.00	-20.84	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5500MHz			

Data: 151



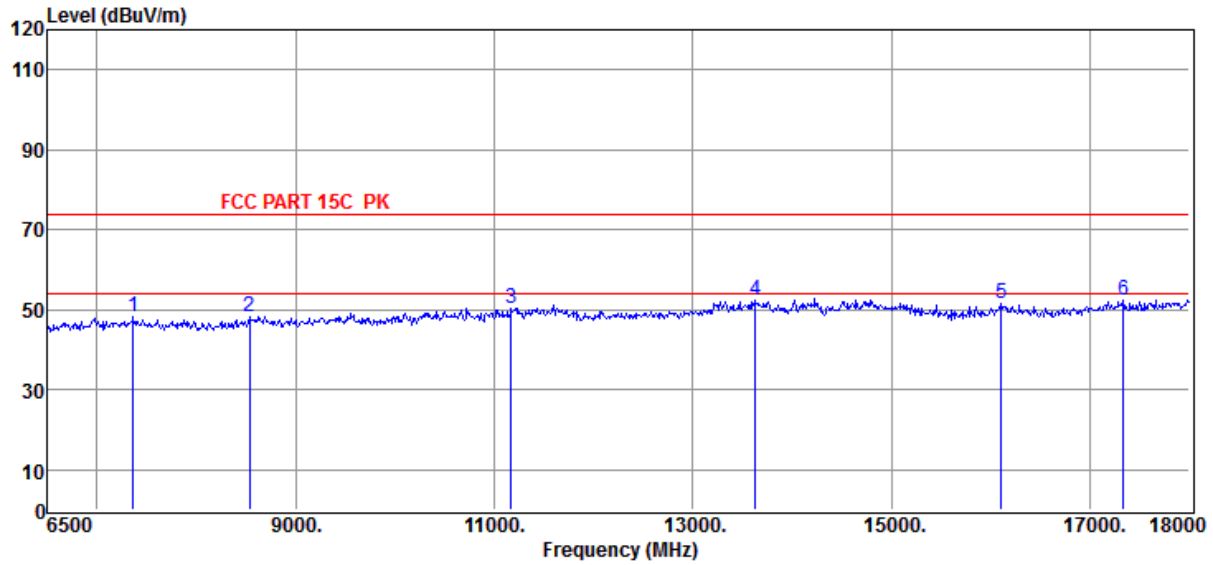
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7190.00	42.06	36.90	-30.56	48.40	74.00	-25.60	Peak	HORIZONTAL
2	9283.00	42.00	37.87	-30.73	49.14	74.00	-24.86	Peak	HORIZONTAL
3	11192.00	40.61	38.70	-28.21	51.10	74.00	-22.90	Peak	HORIZONTAL
4	13377.00	41.31	40.18	-29.28	52.21	74.00	-21.79	Peak	HORIZONTAL
5	14895.00	39.19	39.36	-27.19	51.36	74.00	-22.64	Peak	HORIZONTAL
6	17057.00	37.08	42.28	-26.97	52.39	74.00	-21.61	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5600MHz			

Data: 152



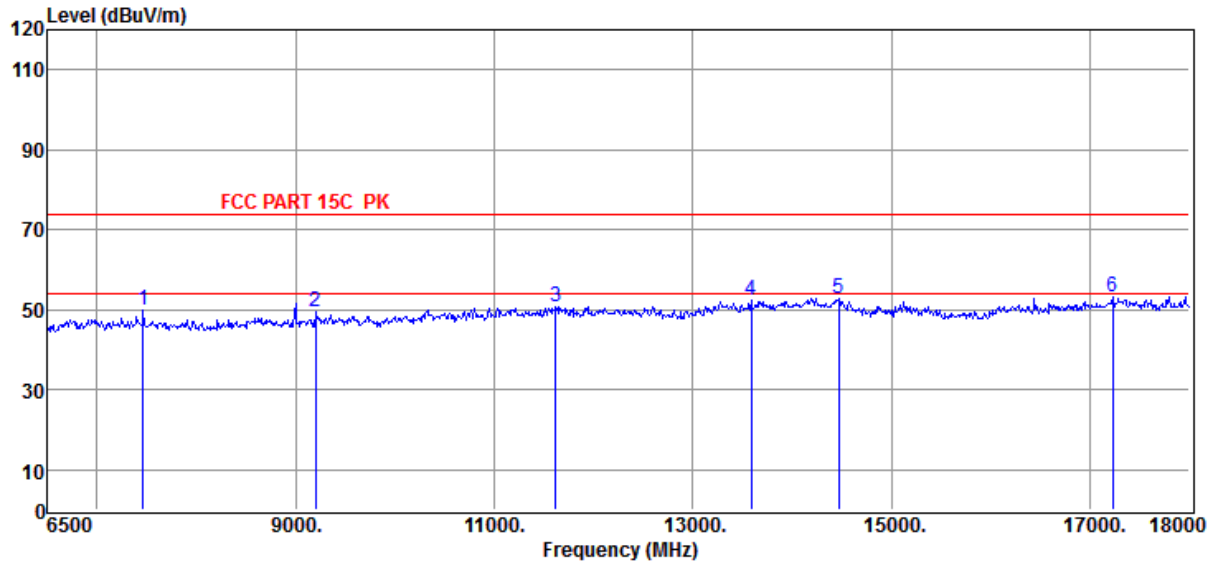
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7362.50	42.16	37.18	-31.08	48.26	74.00	-25.74	Peak	HORIZONTAL
2	8535.50	42.05	37.42	-31.06	48.41	74.00	-25.59	Peak	HORIZONTAL
3	11169.00	40.16	38.70	-28.40	50.46	74.00	-23.54	Peak	HORIZONTAL
4	13630.00	40.59	40.66	-29.05	52.20	74.00	-21.80	Peak	HORIZONTAL
5	16102.50	39.57	38.77	-26.85	51.49	74.00	-22.51	Peak	HORIZONTAL
6	17333.00	36.54	42.67	-26.94	52.27	74.00	-21.73	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5600MHz			

Data: 153



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7466.00	43.45	37.35	-30.94	49.86	74.00	-24.14	Peak	VERTICAL
2	9202.50	42.32	37.82	-30.54	49.60	74.00	-24.40	Peak	VERTICAL
3	11617.50	40.44	38.68	-28.25	50.87	74.00	-23.13	Peak	VERTICAL
4	13584.00	40.79	40.57	-29.19	52.17	74.00	-21.83	Peak	VERTICAL
5	14469.50	39.35	40.74	-27.20	52.89	74.00	-21.11	Peak	VERTICAL
6	17229.50	37.71	42.52	-26.95	53.28	74.00	-20.72	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

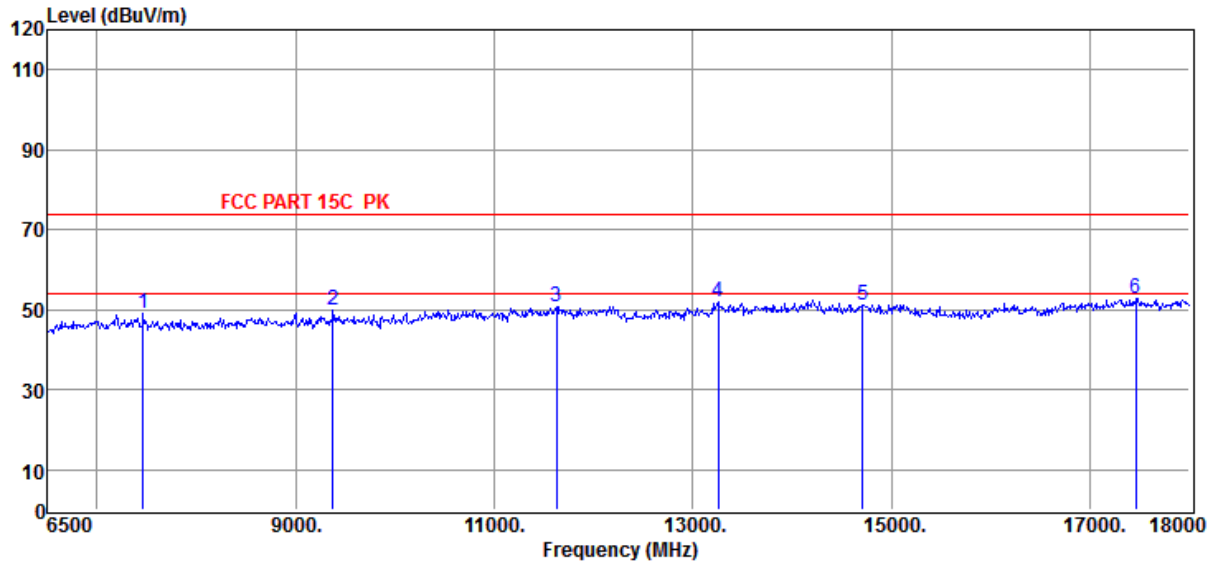
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT2 6M 5600MHz

Data: 154



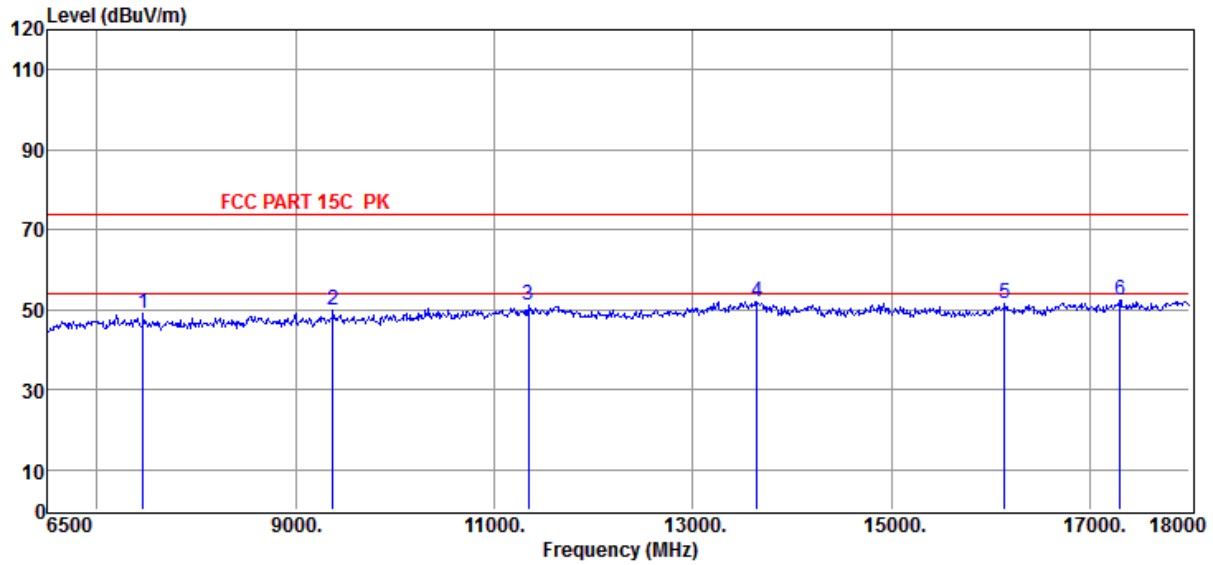
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7466.00	42.58	37.35	-30.94	48.99	74.00	-25.01	Peak	VERTICAL
2	9375.00	42.10	37.92	-30.06	49.96	74.00	-24.04	Peak	VERTICAL
3	11629.00	40.55	38.67	-28.30	50.92	74.00	-23.08	Peak	VERTICAL
4	13250.50	41.29	39.95	-29.30	51.94	74.00	-22.06	Peak	VERTICAL
5	14711.00	38.20	39.98	-26.96	51.22	74.00	-22.78	Peak	VERTICAL
6	17459.50	37.51	42.84	-27.39	52.96	74.00	-21.04	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5600MHz			

Data: 155



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7466.00	42.58	37.35	-30.94	48.99	74.00	-25.01	Peak	HORIZONTAL
2	9375.00	42.10	37.92	-30.06	49.96	74.00	-24.04	Peak	HORIZONTAL
3	11341.50	40.94	38.70	-28.60	51.04	74.00	-22.96	Peak	HORIZONTAL
4	13641.50	40.41	40.68	-28.95	52.14	74.00	-21.86	Peak	HORIZONTAL
5	16137.00	39.74	38.86	-27.18	51.42	74.00	-22.58	Peak	HORIZONTAL
6	17298.50	36.70	42.62	-26.74	52.58	74.00	-21.42	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

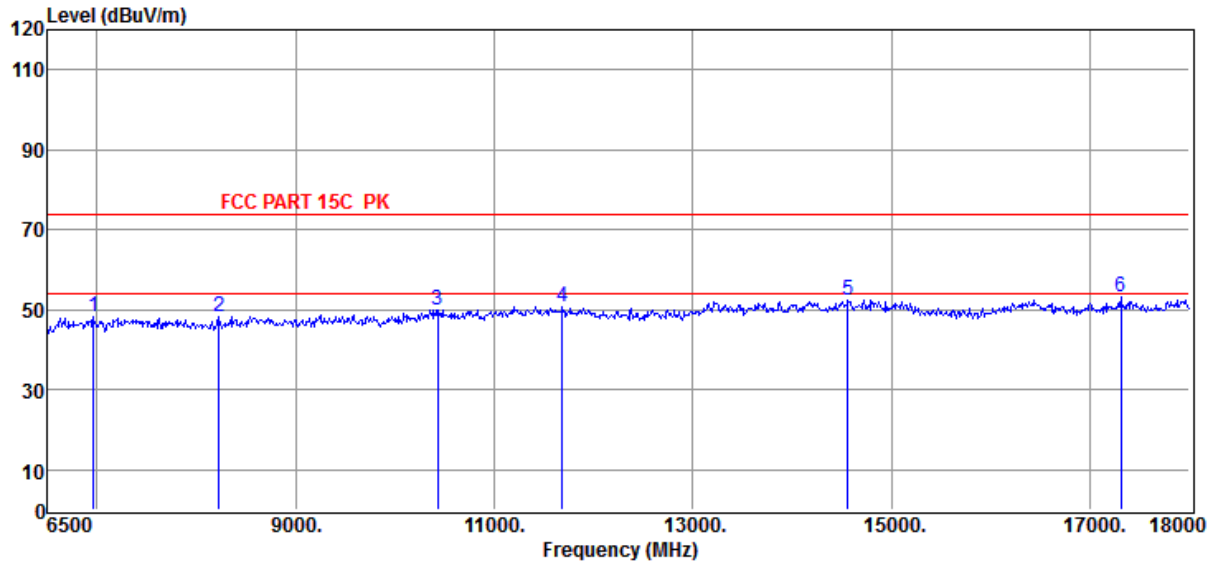
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT2 6M 5700MHz

Data: 156



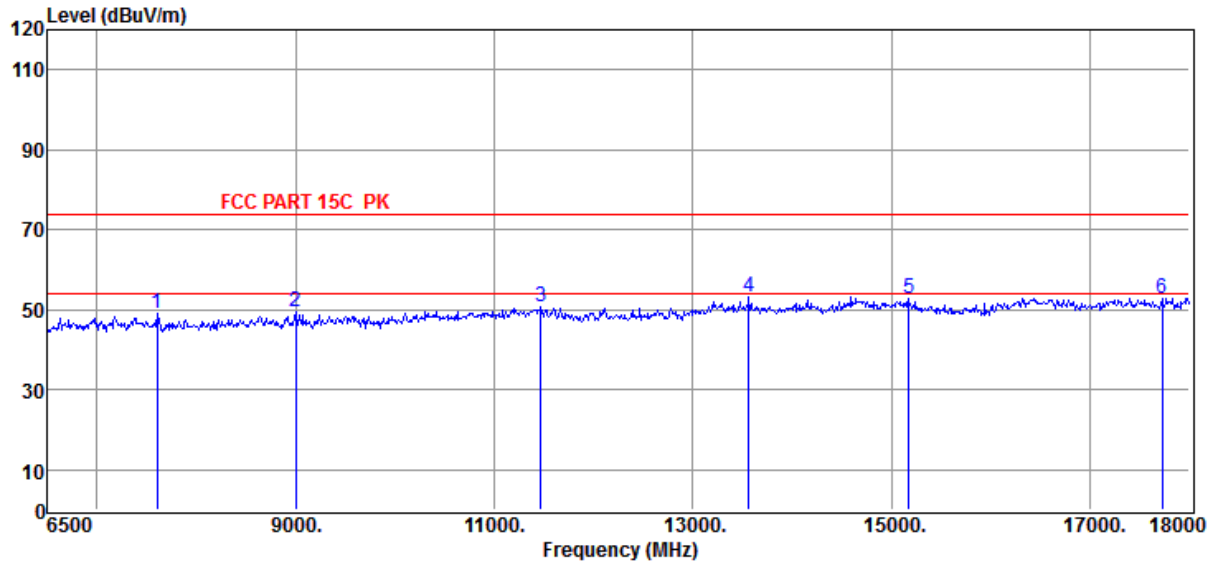
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	6960.00	42.39	36.54	-30.64	48.29	74.00	-25.71	Peak	HORIZONTAL
2	8225.00	42.53	37.18	-31.27	48.44	74.00	-25.56	Peak	HORIZONTAL
3	10433.00	41.06	38.47	-29.45	50.08	74.00	-23.92	Peak	HORIZONTAL
4	11686.50	40.56	38.66	-28.57	50.65	74.00	-23.35	Peak	HORIZONTAL
5	14561.50	39.23	40.49	-27.36	52.36	74.00	-21.64	Peak	HORIZONTAL
6	17310.00	37.24	42.63	-26.80	53.07	74.00	-20.93	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5700MHz			

Data: 157



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7604.00	42.87	37.32	-31.23	48.96	74.00	-25.04	Peak	VERTICAL
2	8995.50	42.99	37.70	-31.05	49.64	74.00	-24.36	Peak	VERTICAL
3	11468.00	40.69	38.70	-28.63	50.76	74.00	-23.24	Peak	VERTICAL
4	13561.00	41.72	40.52	-29.02	53.22	74.00	-20.78	Peak	VERTICAL
5	15171.00	40.96	38.73	-27.00	52.69	74.00	-21.31	Peak	VERTICAL
6	17724.00	38.13	42.59	-27.76	52.96	74.00	-21.04	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

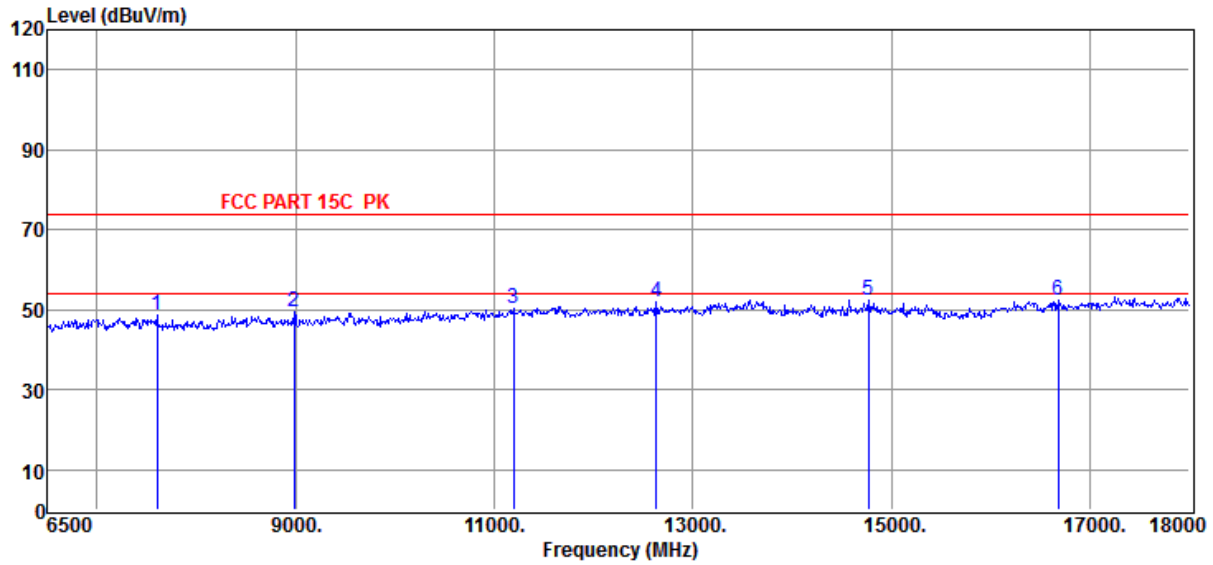
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT1 6M 5700MHz

Data: 158



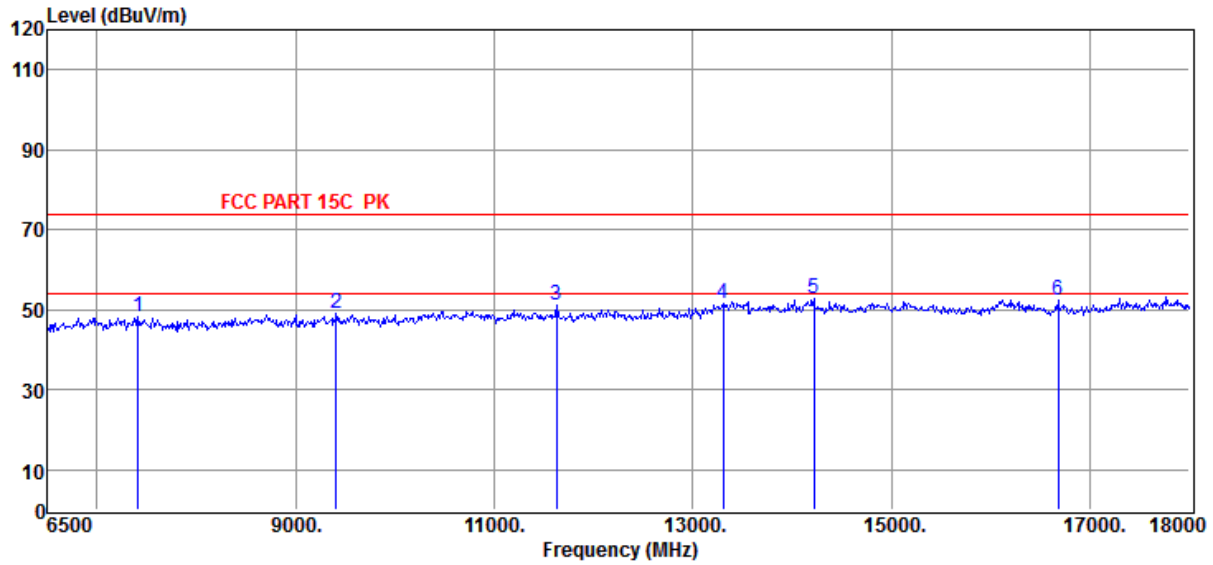
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7604.00	42.51	37.32	-31.23	48.60	74.00	-25.40	Peak	VERTICAL
2	8984.00	42.85	37.69	-30.99	49.55	74.00	-24.45	Peak	VERTICAL
3	11192.00	39.92	38.70	-28.21	50.41	74.00	-23.59	Peak	VERTICAL
4	12629.50	42.70	38.83	-29.48	52.05	74.00	-21.95	Peak	VERTICAL
5	14768.50	39.91	39.79	-27.40	52.30	74.00	-21.70	Peak	VERTICAL
6	16677.50	38.62	40.65	-26.86	52.41	74.00	-21.59	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5700MHz			

Data: 159



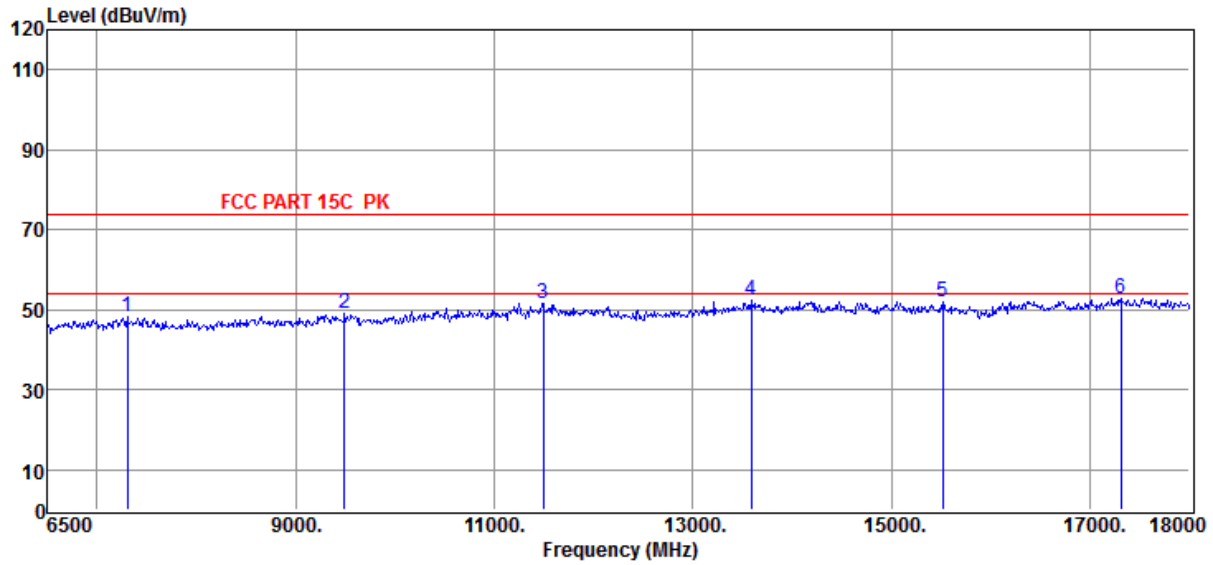
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7408.50	41.67	37.25	-30.72	48.20	74.00	-25.80	Peak	HORIZONTAL
2	9409.50	40.94	37.95	-29.89	49.00	74.00	-25.00	Peak	HORIZONTAL
3	11629.00	40.61	38.67	-28.30	50.98	74.00	-23.02	Peak	HORIZONTAL
4	13308.00	40.72	40.05	-29.20	51.57	74.00	-22.43	Peak	HORIZONTAL
5	14216.50	38.90	41.10	-27.28	52.72	74.00	-21.28	Peak	HORIZONTAL
6	16677.50	38.40	40.65	-26.86	52.19	74.00	-21.81	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5745MHz			

Data: 160



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7305.00	42.41	37.09	-31.31	48.19	74.00	-25.81	Peak	HORIZONTAL
2	9490.00	41.51	37.99	-30.49	49.01	74.00	-24.99	Peak	HORIZONTAL
3	11491.00	41.58	38.70	-28.78	51.50	74.00	-22.50	Peak	HORIZONTAL
4	13584.00	40.83	40.57	-29.19	52.21	74.00	-21.79	Peak	HORIZONTAL
5	15516.00	41.82	38.21	-27.95	52.08	74.00	-21.92	Peak	HORIZONTAL
6	17310.00	36.90	42.63	-26.80	52.73	74.00	-21.27	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

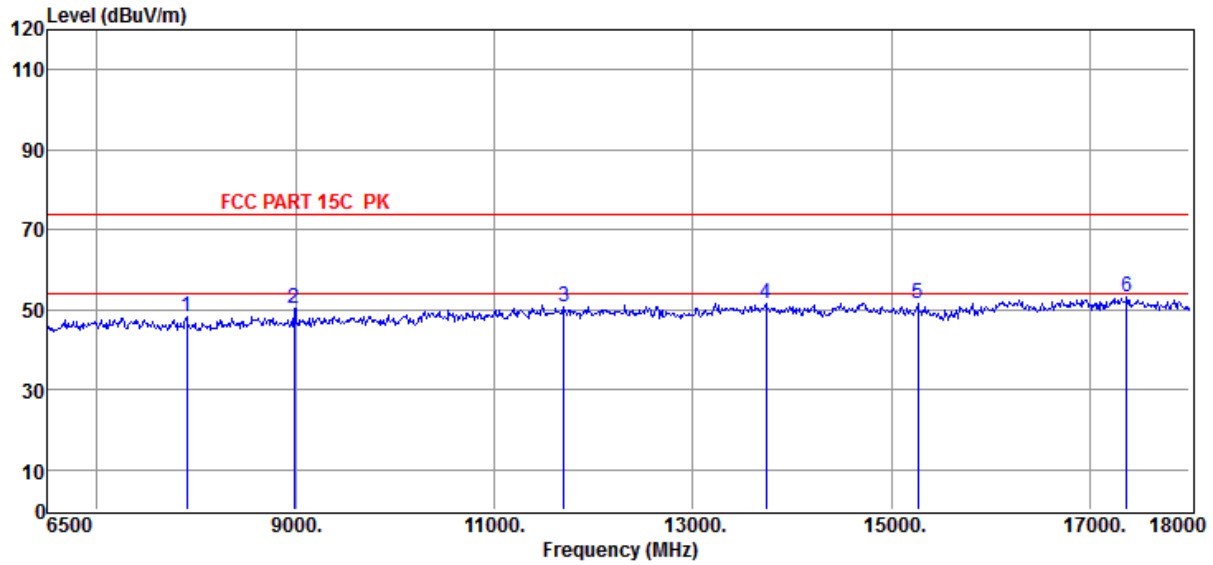
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT1 6M 5745MHz

Data: 161



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7903.00	42.49	37.08	-31.25	48.32	74.00	-25.68	Peak	VERTICAL
2	8984.00	43.75	37.69	-30.99	50.45	74.00	-23.55	Peak	VERTICAL
3	11698.00	40.79	38.66	-28.62	50.83	74.00	-23.17	Peak	VERTICAL
4	13733.50	39.14	40.87	-28.61	51.40	74.00	-22.60	Peak	VERTICAL
5	15263.00	40.41	38.58	-27.57	51.42	74.00	-22.58	Peak	VERTICAL
6	17367.50	37.45	42.71	-27.15	53.01	74.00	-20.99	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

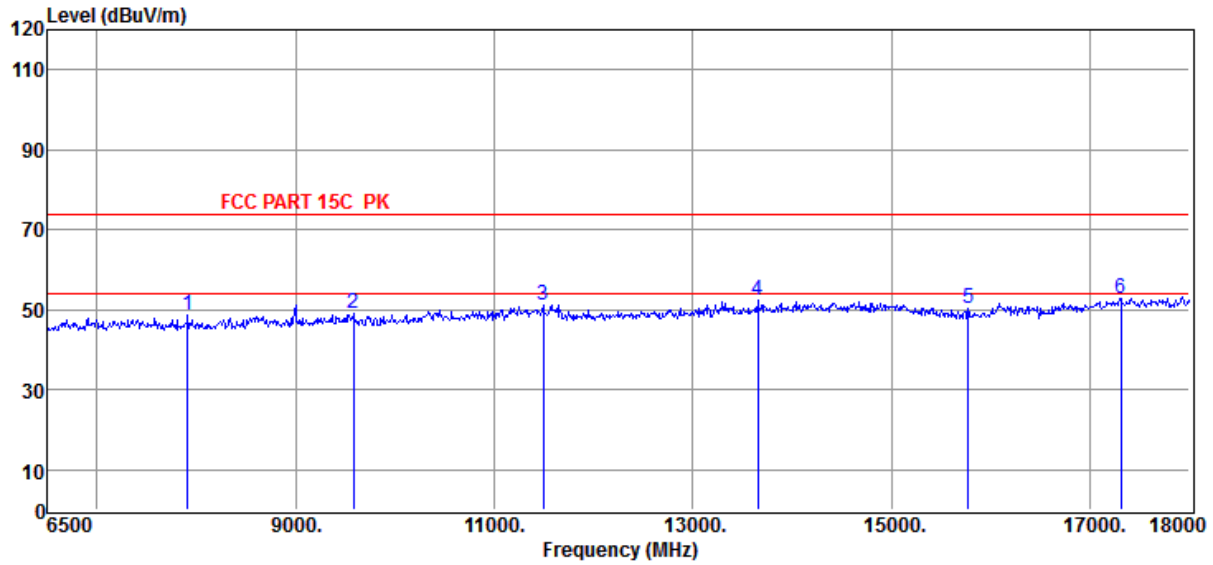
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT2 6M 5745MHz

Data: 162



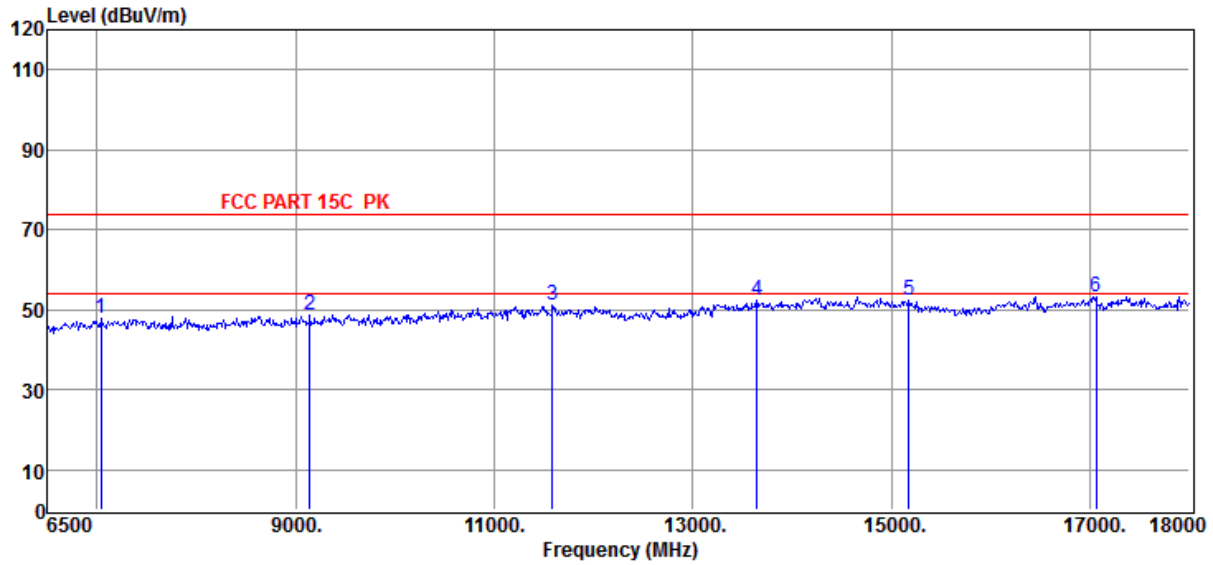
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7914.50	42.58	37.07	-31.18	48.47	74.00	-25.53	Peak	VERTICAL
2	9582.00	41.11	38.05	-30.28	48.88	74.00	-25.12	Peak	VERTICAL
3	11491.00	41.36	38.70	-28.78	51.28	74.00	-22.72	Peak	VERTICAL
4	13653.00	40.42	40.71	-28.85	52.28	74.00	-21.72	Peak	VERTICAL
5	15769.00	40.00	38.36	-27.88	50.48	74.00	-23.52	Peak	VERTICAL
6	17310.00	36.92	42.63	-26.80	52.75	74.00	-21.25	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5745MHz			

Data: 163



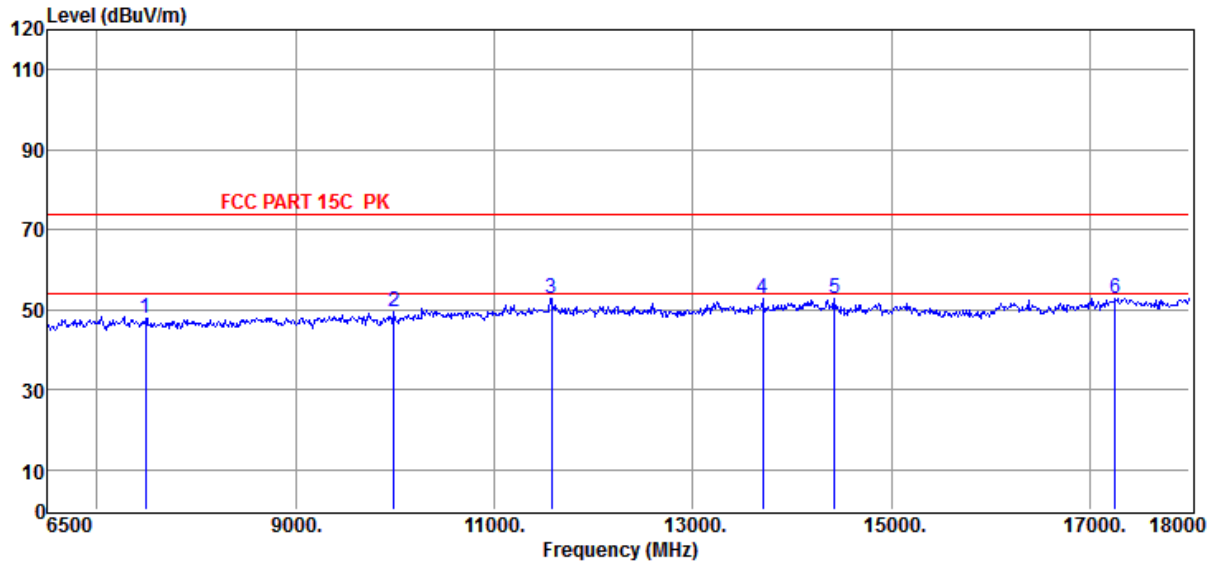
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7040.50	42.33	36.66	-31.05	47.94	74.00	-26.06	Peak	HORIZONTAL
2	9145.00	41.46	37.79	-30.64	48.61	74.00	-25.39	Peak	HORIZONTAL
3	11583.00	40.54	38.68	-28.28	50.94	74.00	-23.06	Peak	HORIZONTAL
4	13641.50	40.46	40.68	-28.95	52.19	74.00	-21.81	Peak	HORIZONTAL
5	15171.00	40.75	38.73	-27.00	52.48	74.00	-21.52	Peak	HORIZONTAL
6	17057.00	38.09	42.28	-26.97	53.40	74.00	-20.60	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5785MHz			

Data: 164



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7489.00	41.46	37.38	-31.06	47.78	74.00	-26.22	Peak	HORIZONTAL
2	9984.50	41.42	38.29	-30.29	49.42	74.00	-24.58	Peak	HORIZONTAL
3	11571.50	42.39	38.69	-28.36	52.72	74.00	-21.28	Peak	HORIZONTAL
4	13699.00	40.55	40.80	-28.45	52.90	74.00	-21.10	Peak	HORIZONTAL
5	14423.50	39.18	40.81	-27.25	52.74	74.00	-21.26	Peak	HORIZONTAL
6	17252.50	37.29	42.55	-26.88	52.96	74.00	-21.04	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

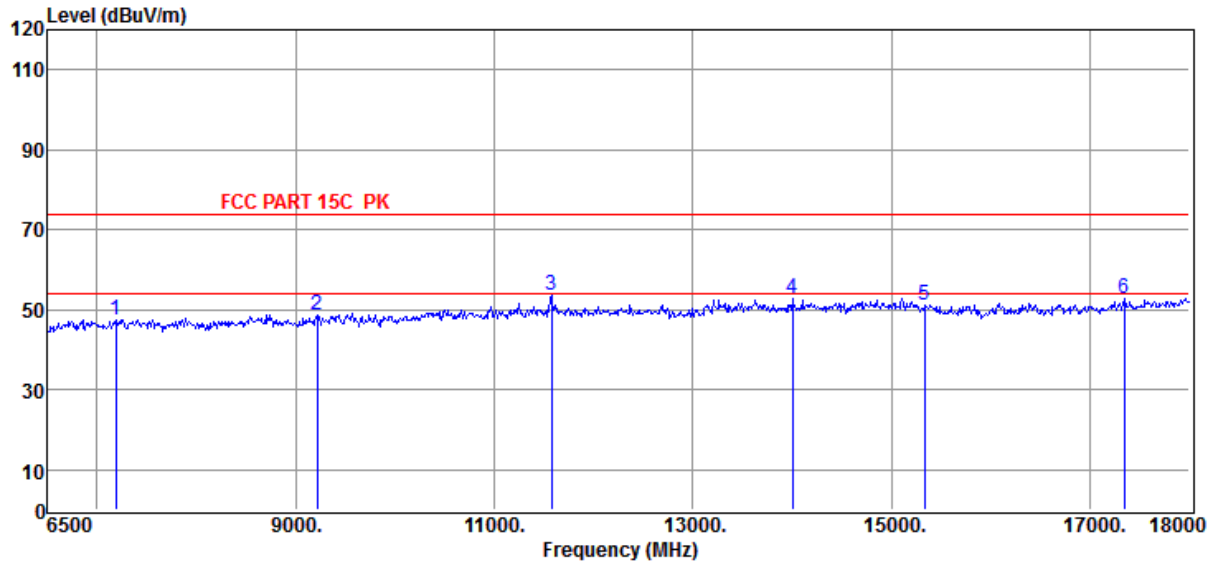
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT1 6M 5785MHz

Data: 165



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7190.00	41.25	36.90	-30.56	47.59	74.00	-26.41	Peak	VERTICAL
2	9214.00	41.34	37.83	-30.56	48.61	74.00	-25.39	Peak	VERTICAL
3	11571.50	43.20	38.69	-28.36	53.53	74.00	-20.47	Peak	VERTICAL
4	13998.00	39.46	41.40	-28.23	52.63	74.00	-21.37	Peak	VERTICAL
5	15332.00	40.27	38.47	-27.52	51.22	74.00	-22.78	Peak	VERTICAL
6	17344.50	37.27	42.68	-27.01	52.94	74.00	-21.06	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

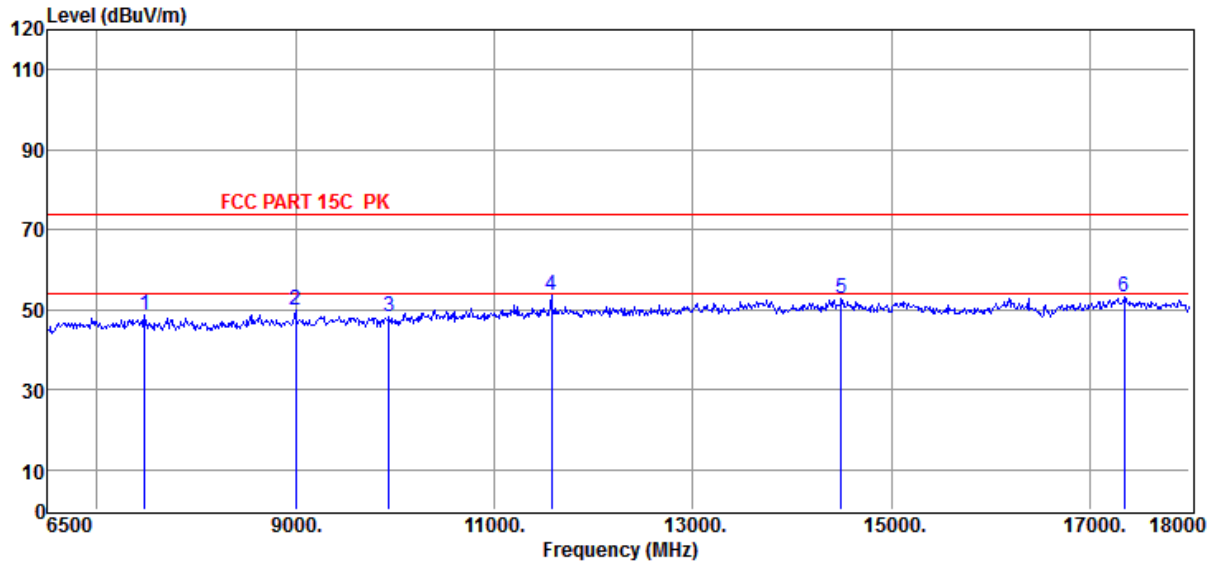
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT2 6M 5785MHz

Data: 166



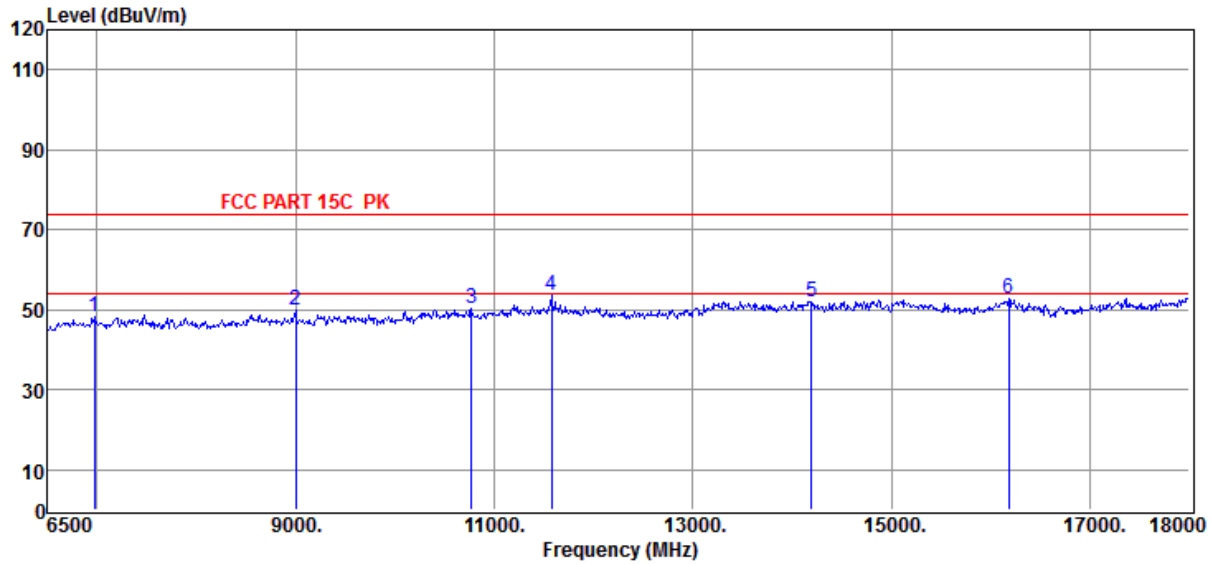
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7477.50	42.29	37.36	-31.00	48.65	74.00	-25.35	Peak	VERTICAL
2	8995.50	43.22	37.70	-31.05	49.87	74.00	-24.13	Peak	VERTICAL
3	9938.50	40.08	38.26	-29.99	48.35	74.00	-25.65	Peak	VERTICAL
4	11571.50	43.11	38.69	-28.36	53.44	74.00	-20.56	Peak	VERTICAL
5	14492.50	39.08	40.71	-27.18	52.61	74.00	-21.39	Peak	VERTICAL
6	17344.50	37.38	42.68	-27.01	53.05	74.00	-20.95	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5785MHz			

Data: 167



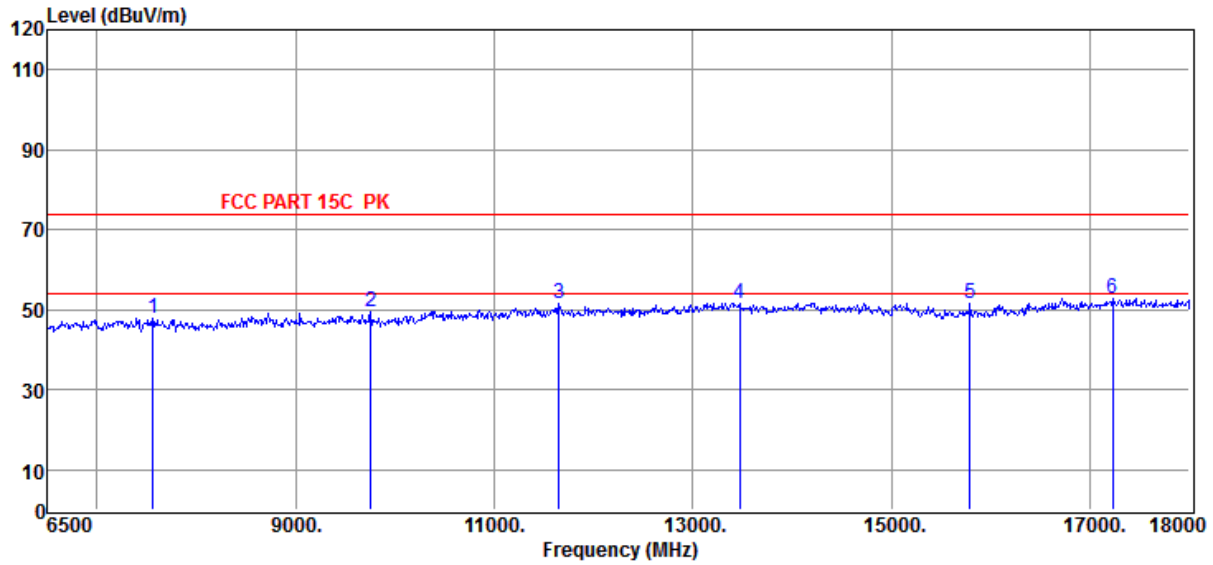
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	6971.50	42.40	36.55	-30.62	48.33	74.00	-25.67	Peak	HORIZONTAL
2	8995.50	43.22	37.70	-31.05	49.87	74.00	-24.13	Peak	HORIZONTAL
3	10766.50	40.97	38.61	-29.32	50.26	74.00	-23.74	Peak	HORIZONTAL
4	11571.50	43.11	38.69	-28.36	53.44	74.00	-20.56	Peak	HORIZONTAL
5	14193.50	38.13	41.13	-27.19	52.07	74.00	-21.93	Peak	HORIZONTAL
6	16183.00	41.30	38.98	-27.62	52.66	74.00	-21.34	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5825MHz			

Data: 168



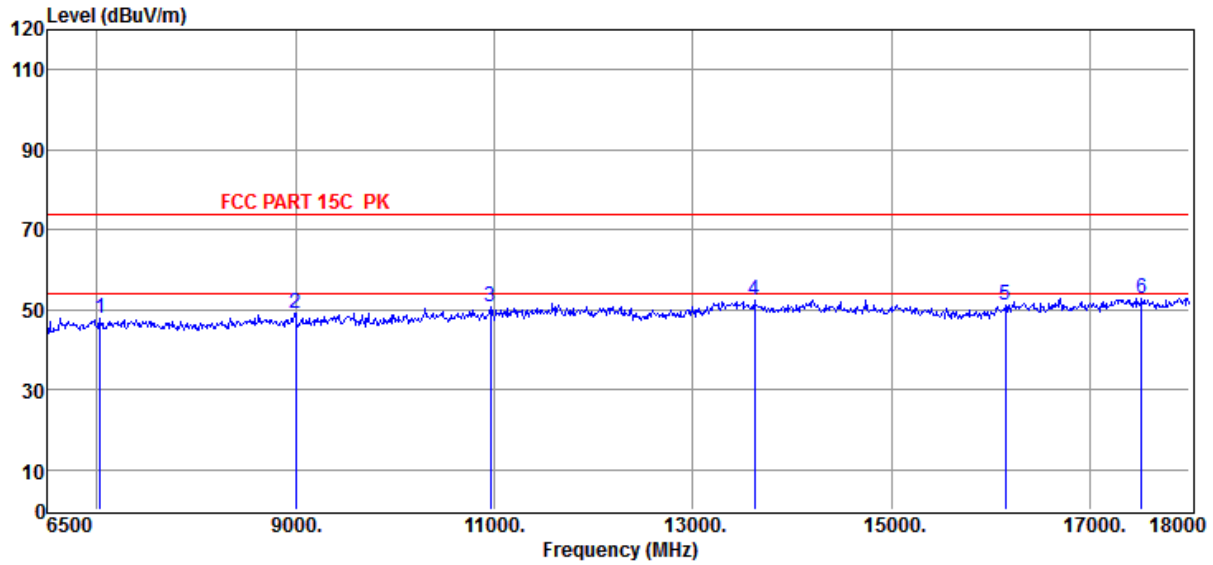
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7558.00	41.89	37.35	-31.41	47.83	74.00	-26.17	Peak	HORIZONTAL
2	9754.50	41.33	38.15	-30.16	49.32	74.00	-24.68	Peak	HORIZONTAL
3	11652.00	41.29	38.67	-28.41	51.55	74.00	-22.45	Peak	HORIZONTAL
4	13469.00	40.04	40.34	-28.80	51.58	74.00	-22.42	Peak	HORIZONTAL
5	15792.00	41.21	38.38	-27.85	51.74	74.00	-22.26	Peak	HORIZONTAL
6	17229.50	37.32	42.52	-26.95	52.89	74.00	-21.11	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5825MHz			

Data: 169



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	7029.00	41.90	36.65	-30.91	47.64	74.00	-26.36	Peak	VERTICAL
2	8995.50	42.61	37.70	-31.05	49.26	74.00	-24.74	Peak	VERTICAL
3	10962.00	41.32	38.68	-29.24	50.76	74.00	-23.24	Peak	VERTICAL
4	13618.50	40.88	40.64	-29.15	52.37	74.00	-21.63	Peak	VERTICAL
5	16148.50	39.67	38.89	-27.29	51.27	74.00	-22.73	Peak	VERTICAL
6	17517.00	37.26	42.88	-27.40	52.74	74.00	-21.26	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

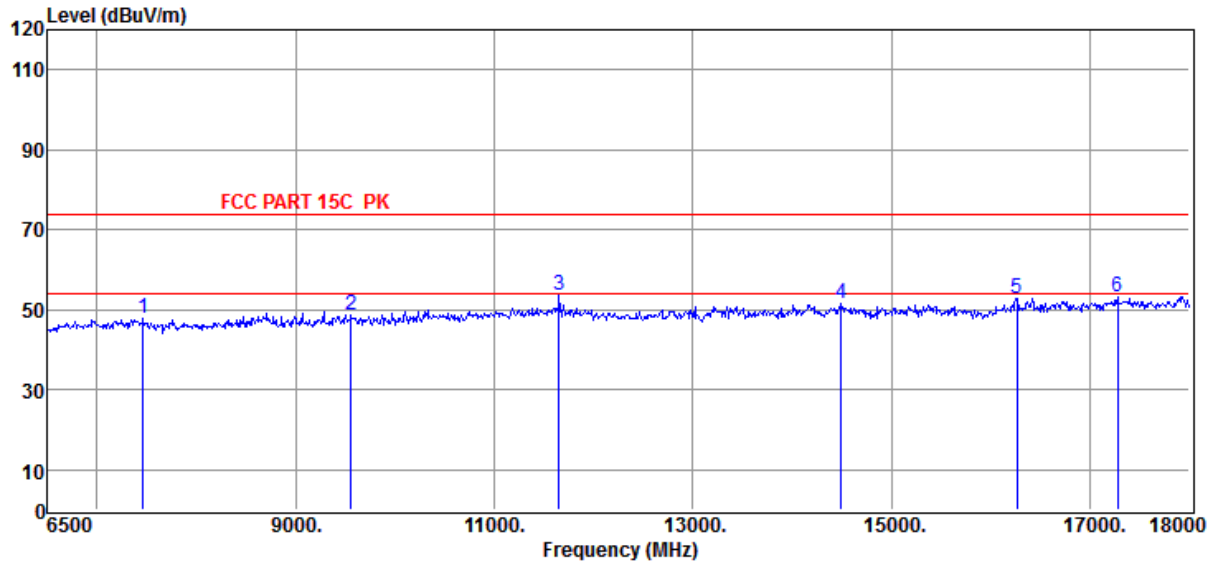
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT2 6M 5825MHz

Data: 170



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	7466.00	41.34	37.35	-30.94	47.75	74.00	-26.25	Peak	VERTICAL
2	9559.00	40.89	38.04	-30.36	48.57	74.00	-25.43	Peak	VERTICAL
3	11652.00	43.34	38.67	-28.41	53.60	74.00	-20.40	Peak	VERTICAL
4	14492.50	37.86	40.71	-27.18	51.39	74.00	-22.61	Peak	VERTICAL
5	16263.50	40.87	39.19	-27.32	52.74	74.00	-21.26	Peak	VERTICAL
6	17275.50	37.59	42.59	-26.81	53.37	74.00	-20.63	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

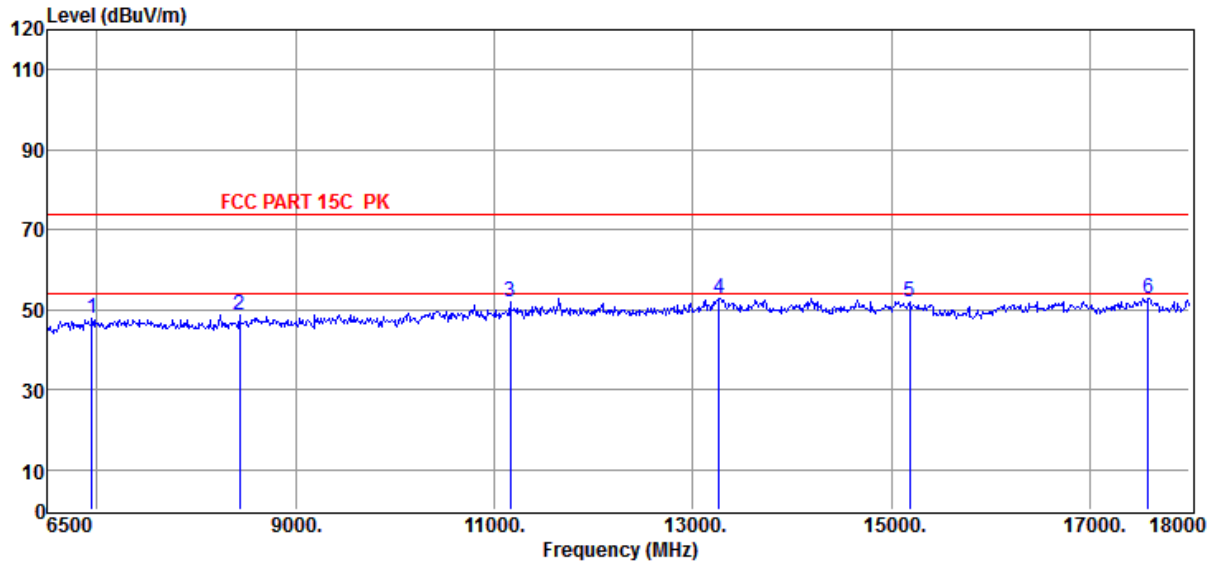
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT2 6M 5825MHz

Data: 171

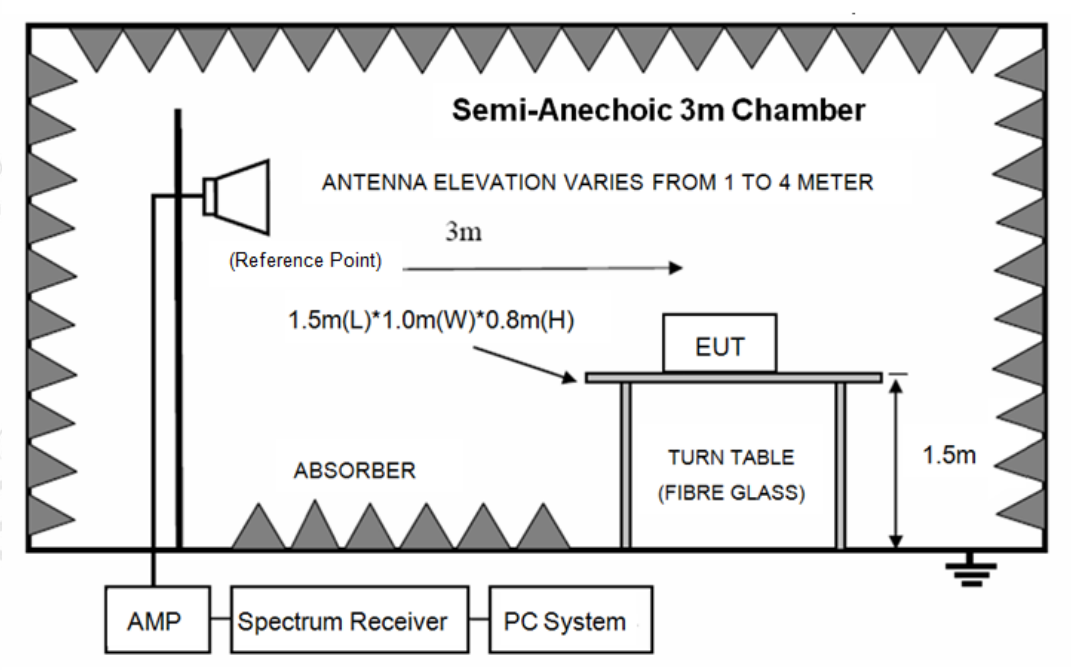


Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	6948.50	41.98	36.52	-30.68	47.82	74.00	-26.18	Peak	HORIZONTAL
2	8432.00	42.48	37.35	-30.99	48.84	74.00	-25.16	Peak	HORIZONTAL
3	11157.50	41.63	38.70	-28.49	51.84	74.00	-22.16	Peak	HORIZONTAL
4	13262.00	42.12	39.97	-29.27	52.82	74.00	-21.18	Peak	HORIZONTAL
5	15182.50	40.42	38.71	-27.02	52.11	74.00	-21.89	Peak	HORIZONTAL
6	17586.00	37.45	42.78	-27.34	52.89	74.00	-21.11	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

9. Band Edge Compliance

9.1. Block diagram of test setup



9.2. Limit

(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm / MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm / MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/ MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band: All emissions within the frequency range shall comply with 27 dBm/MHz at frequencies from the band edges decreasing linearly to 15.6 dBm/MHz at 5 MHz above or below the band edges; 15.6 dBm/MHz at 5 MHz above or below the band edges decreasing linearly to 10 dBm/MHz at 25 MHz above or below the band edges; 10 dBm/MHz at 25 MHz above or below the band edges decreasing linearly to -27 dBm/MHz at 75 MHz above or below the band edges; and -27 dBm/MHz at frequencies more than 75 MHz above or below the band edges.

(5) Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in §15.209. Further, any U-NII devices using an AC power line are required to comply also with the conducted limits set forth in §15.207.

(6) The provisions of §15.205 apply to intentional radiators operating under this section.

27 dBm/MHz Limit=95.2+EIRP [dBm]=95.2-27=122.2 dBμV/m

16.5 dBm/MHz Limit=95.2+EIRP [dBm]=95.2-27=110.8 dBμV/m
10 dBm/MHz Limit=95.2+EIRP [dBm]=95.2-27=105.2 dBμV/m
-27 dBm/MHz Limit=95.2+EIRP [dBm]=95.2-27=68.2 dBμV/m

9.3. Test procedure

Same with clause 8.3 except change investigated frequency range.
Remark: All restriction band have been tested, and only the worst case is shown in report.

9.4. Test result

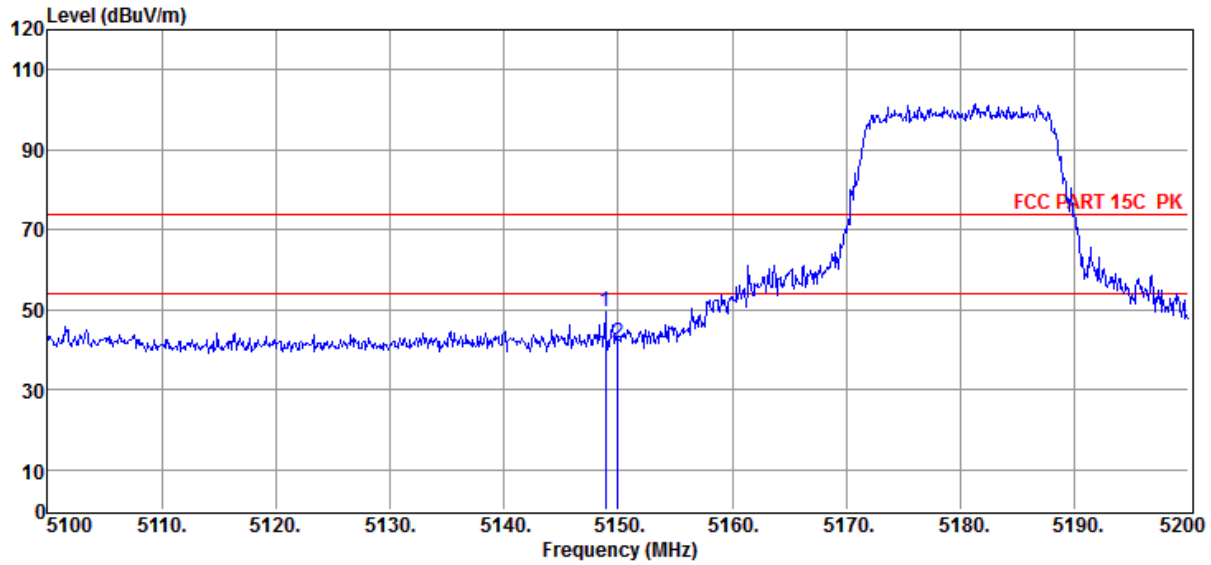
Pass. (See below detailed test result)

Note1: As specified in 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in 15.407(b)(4)). However, an out-of-band emission that complies with both the average and peak limits of 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz peak emission limit

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11A ANT1 6M 5180MHz			

Data: 35



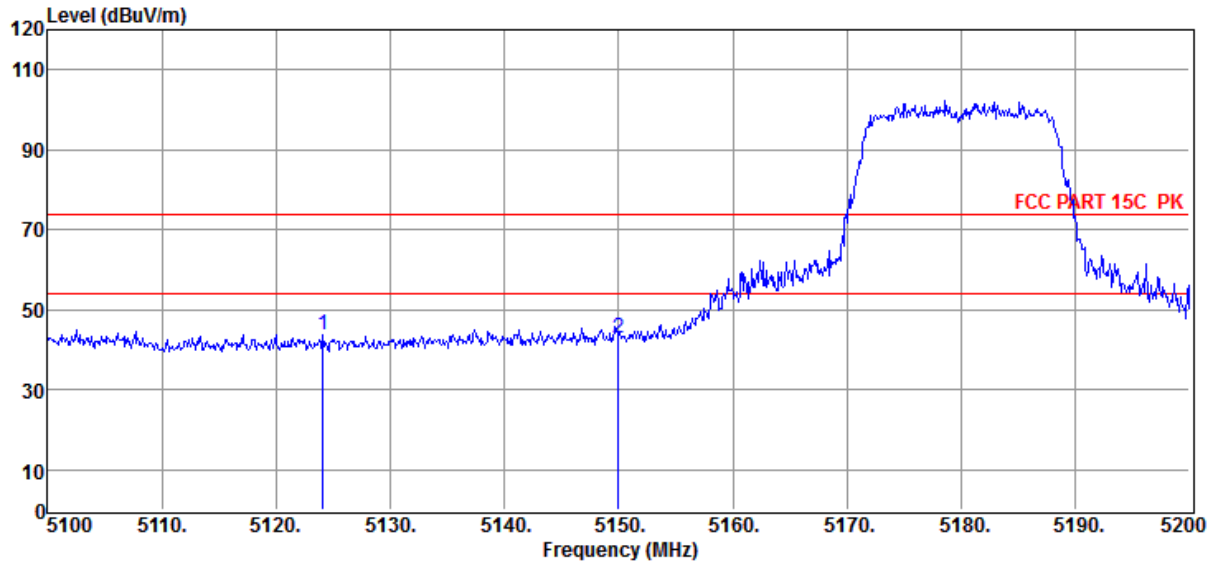
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5148.90	48.46	33.17	-32.32	49.31	74.00	-24.69	Peak	VERTICAL
2	5150.00	41.00	33.17	-32.32	41.85	74.00	-32.15	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11A ANT1 6M 5180MHz			

Data: 36



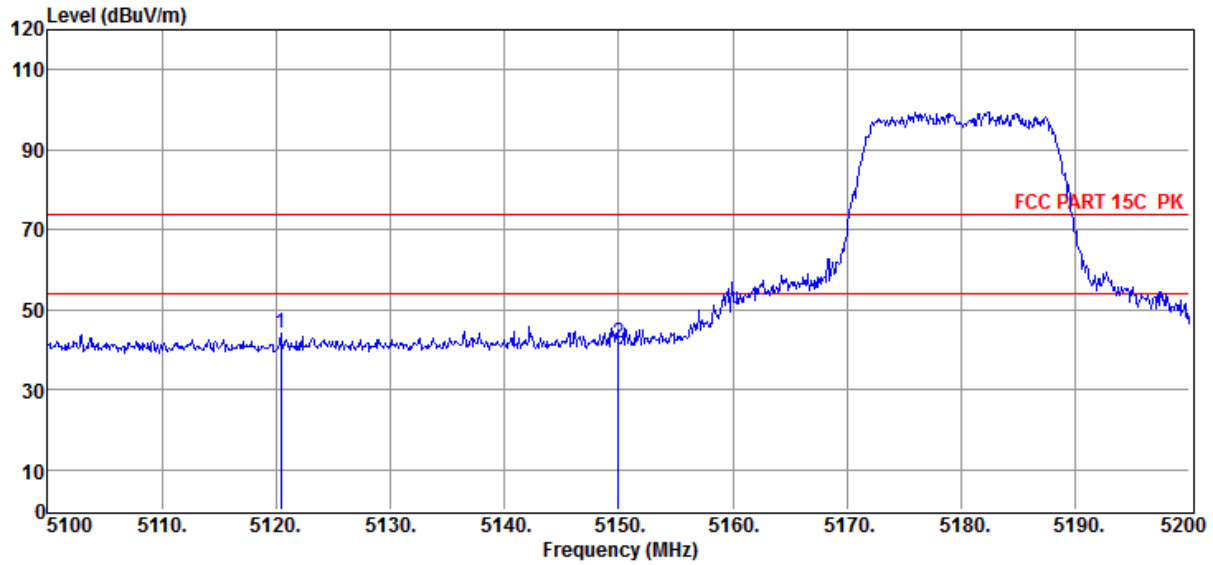
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5124.10	42.82	33.12	-32.22	43.72	74.00	-30.28	Peak	HORIZONTAL
2	5150.00	42.03	33.17	-32.32	42.88	74.00	-31.12	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11A ANT2 6M 5180MHz			

Data: 37



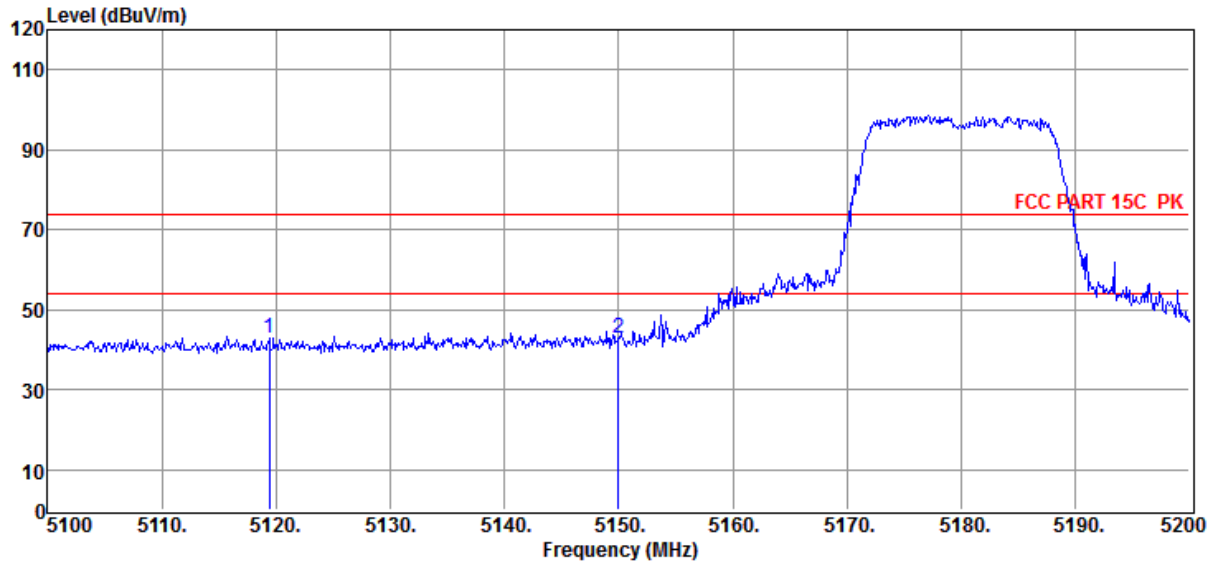
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5120.40	43.24	33.12	-32.20	44.16	74.00	-29.84	Peak	HORIZONTAL
2	5150.00	40.89	33.17	-32.32	41.74	74.00	-32.26	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11A ANT2 6M 5180MHz			

Data: 38



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5119.40	42.02	33.11	-32.20	42.93	74.00	-31.07	Peak	VERTICAL
2	5150.00	41.89	33.17	-32.32	42.74	74.00	-31.26	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

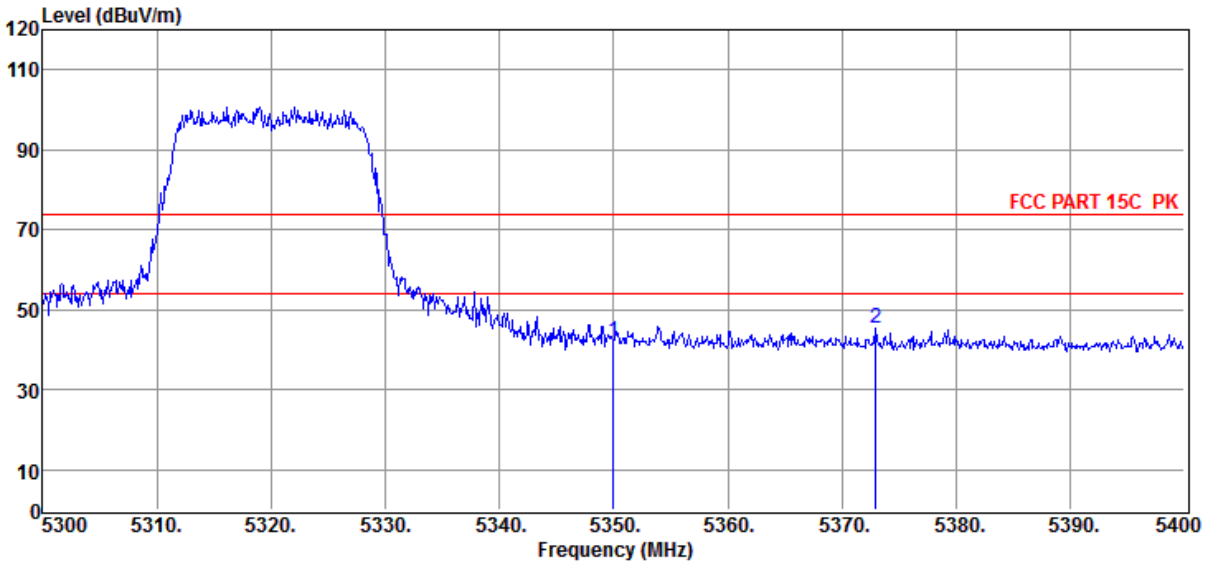
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11A ANT1 6M 5320MHz

Data: 39



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	41.10	33.53	-32.45	42.18	74.00	-31.82	Peak	VERTICAL
2	5373.00	43.85	33.57	-32.26	45.16	74.00	-28.84	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

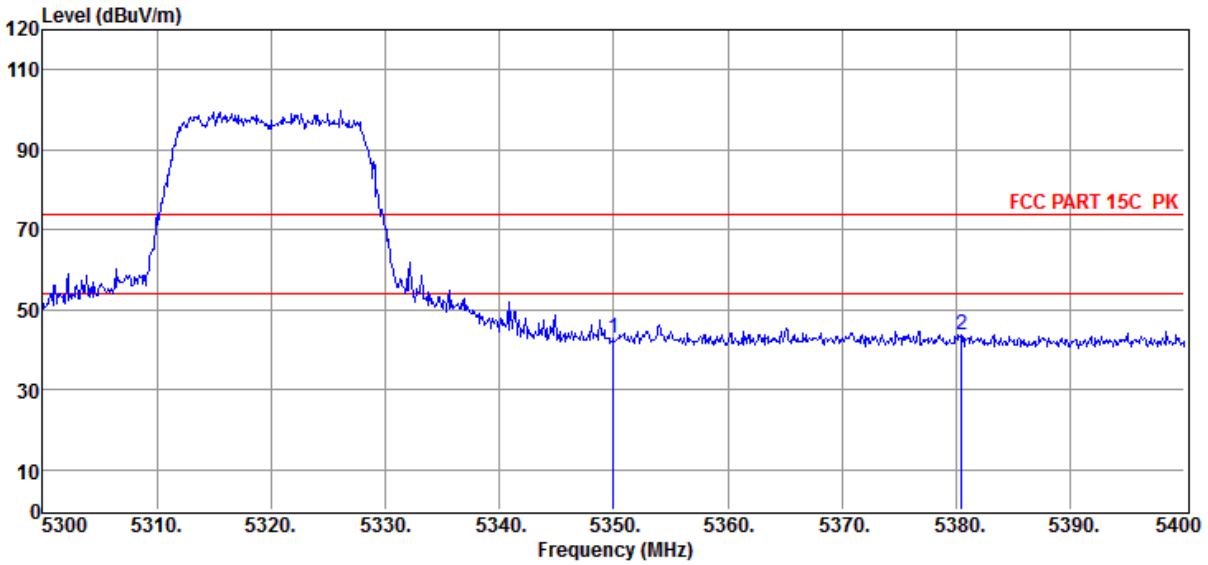
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11A ANT1 6M 5320MHz

Data: 40



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	41.83	33.53	-32.45	42.91	74.00	-31.09	Peak	HORIZONTAL
2	5380.50	42.49	33.58	-32.19	43.88	74.00	-30.12	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

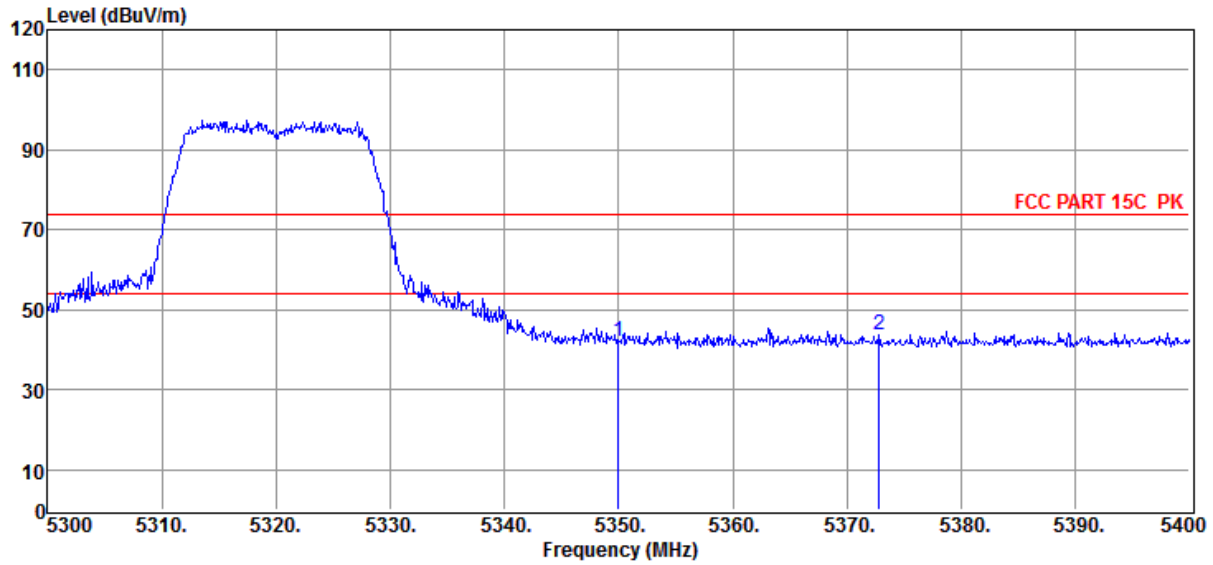
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11A ANT2 6M 5320MHz

Data: 41



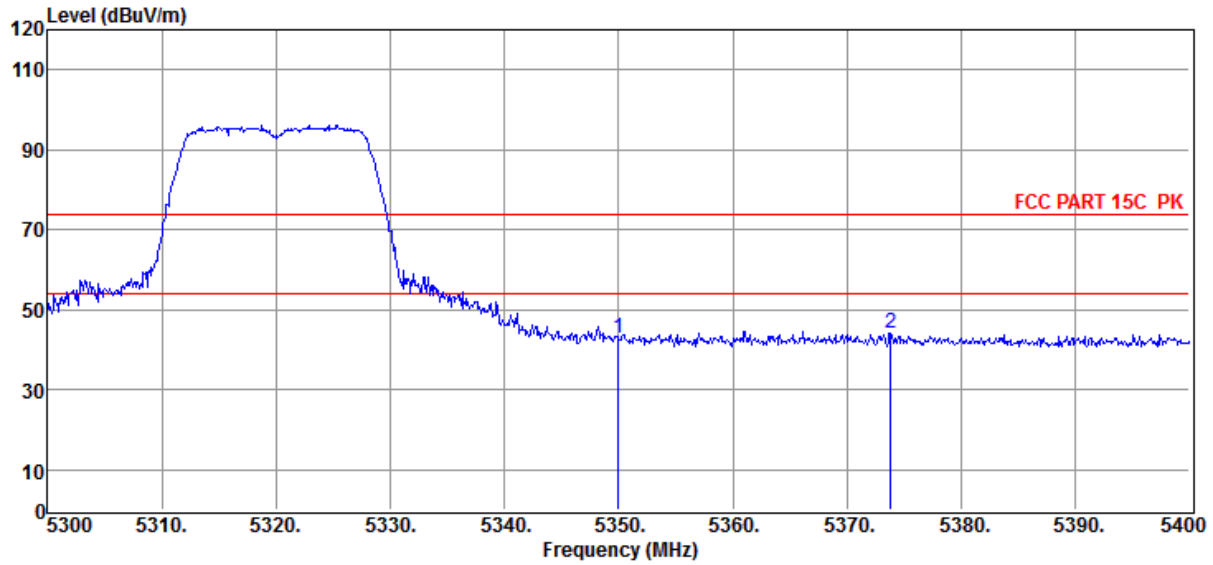
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	40.86	33.53	-32.45	41.94	74.00	-32.06	Peak	HORIZONTAL
2	5372.80	42.61	33.57	-32.26	43.92	74.00	-30.08	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11A ANT2 6M 5320MHz			

Data: 42



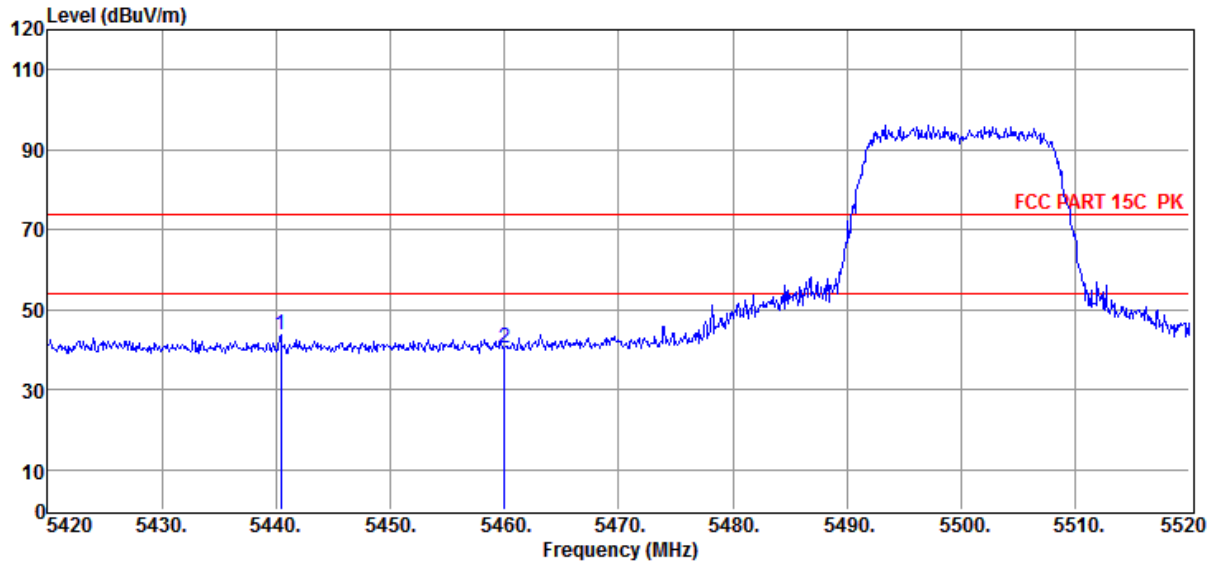
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	41.68	33.53	-32.45	42.76	74.00	-31.24	Peak	VERTICAL
2	5373.80	42.87	33.57	-32.25	44.19	74.00	-29.81	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11A ANT1 6M 5500MHz			

Data: 43



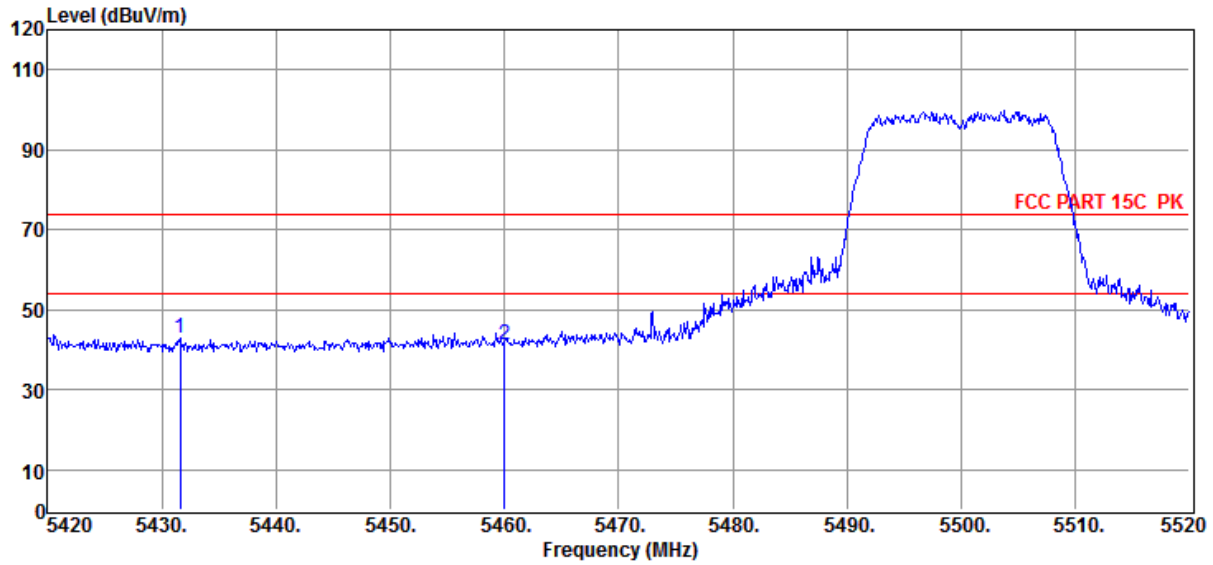
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5440.40	41.96	33.69	-32.13	43.52	74.00	-30.48	Peak	VERTICAL
2	5460.00	38.83	33.73	-32.20	40.36	74.00	-33.64	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11A ANT1 6M 5500MHz			

Data: 44



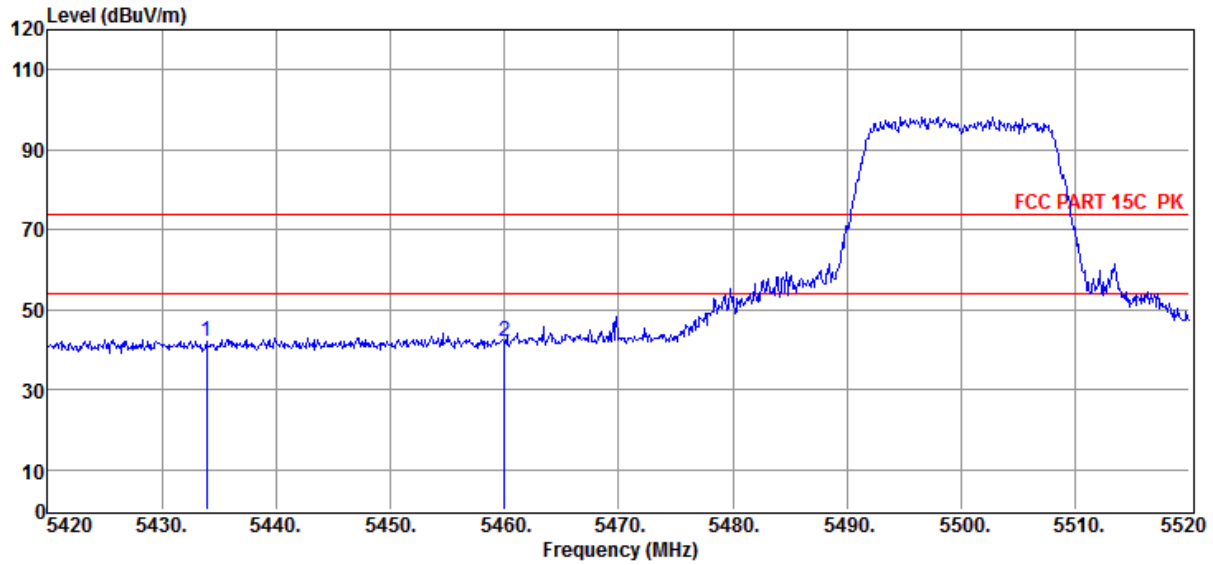
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5431.60	41.14	33.68	-32.11	42.71	74.00	-31.29	Peak	HORIZONTAL
2	5460.00	39.58	33.73	-32.20	41.11	74.00	-32.89	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11A ANT2 6M 5500MHz			

Data: 45



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5433.90	40.54	33.68	-32.11	42.11	74.00	-31.89	Peak	HORIZONTAL
2	5460.00	40.52	33.73	-32.20	42.05	74.00	-31.95	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

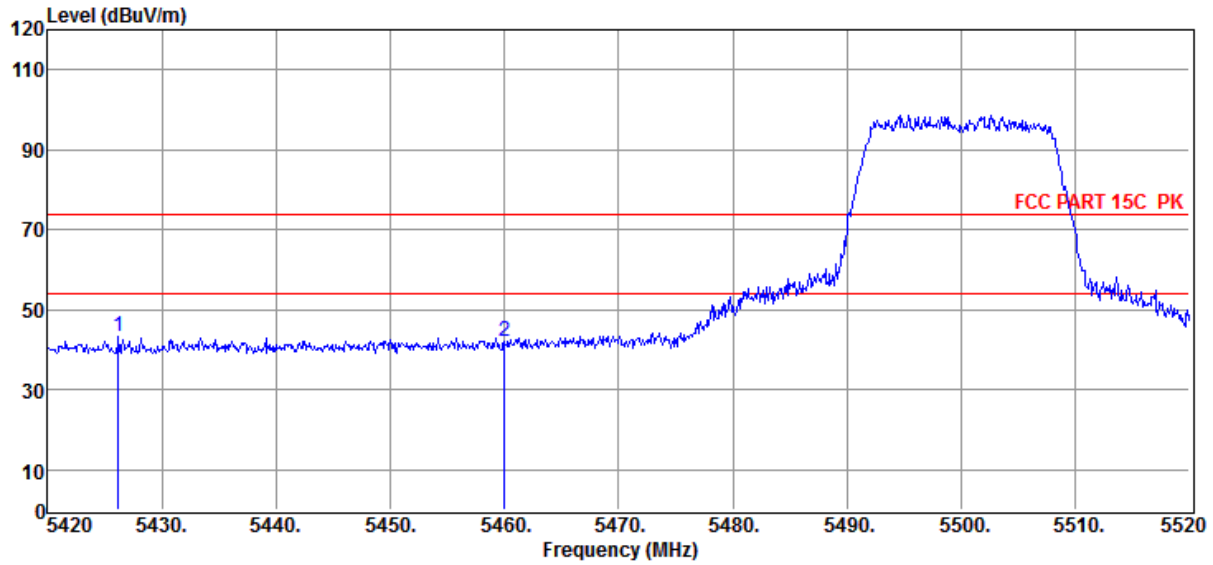
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11A ANT2 6M 5500MHz

Data: 46



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5426.20	41.88	33.67	-32.09	43.46	74.00	-30.54	Peak	VERTICAL
2	5460.00	40.49	33.73	-32.20	42.02	74.00	-31.98	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

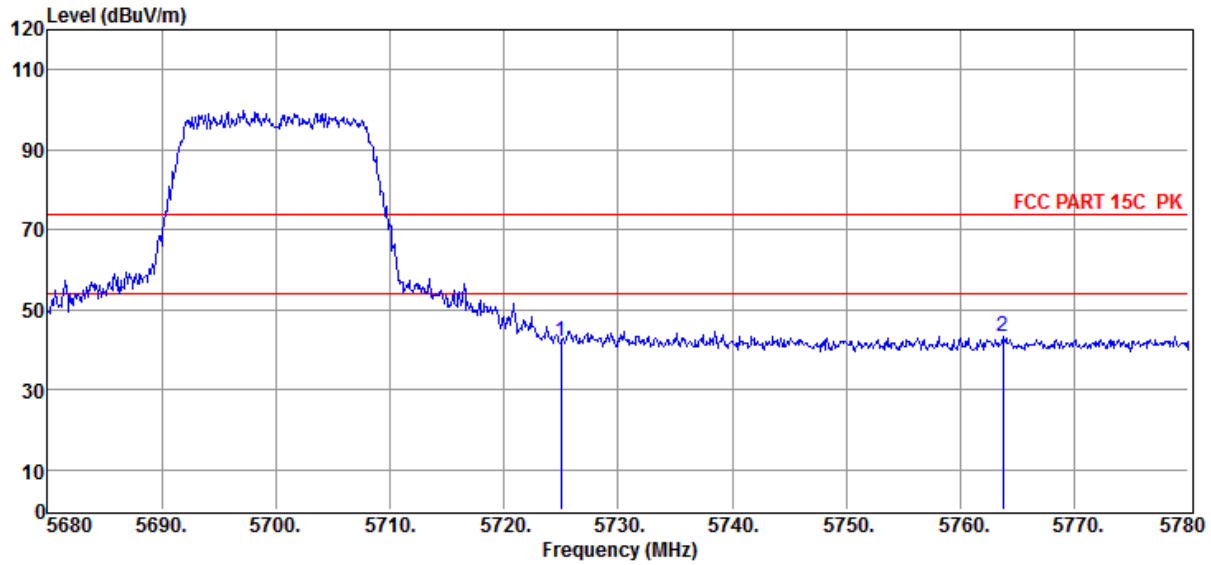
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT1 6M 5700MHz

Data: 220



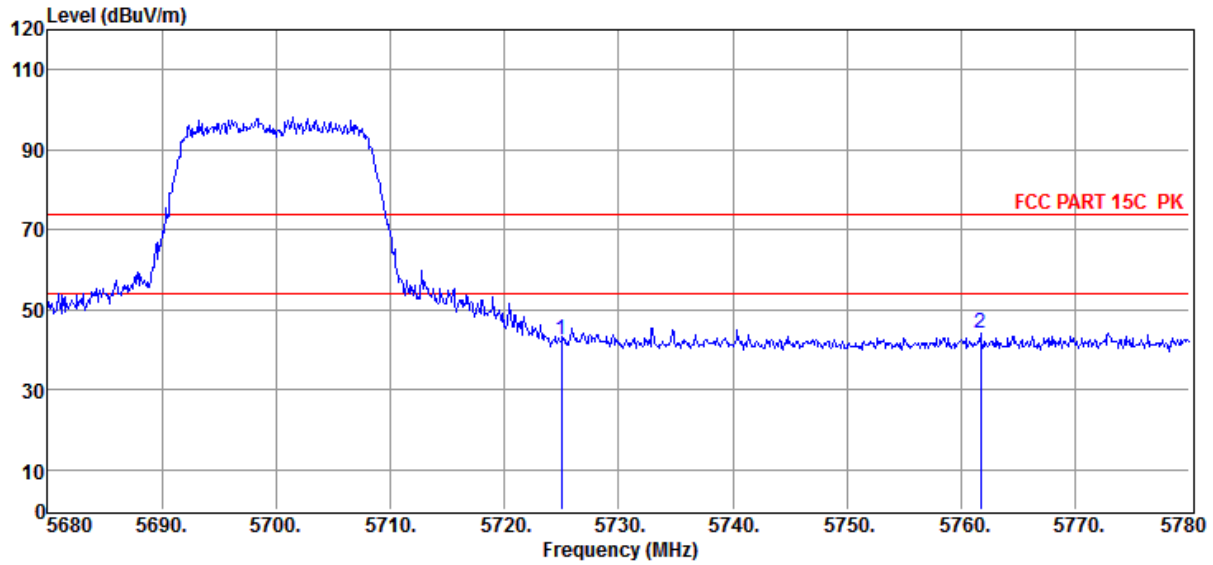
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	40.16	34.47	-32.53	42.10	74.00	-31.90	Peak	VERTICAL
2	5763.70	41.43	34.59	-32.55	43.47	74.00	-30.53	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT1 6M 5700MHz			

Data: 221



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	40.69	34.47	-32.53	42.63	74.00	-31.37	Peak	HORIZONTAL
2	5761.70	42.17	34.59	-32.54	44.22	74.00	-29.78	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

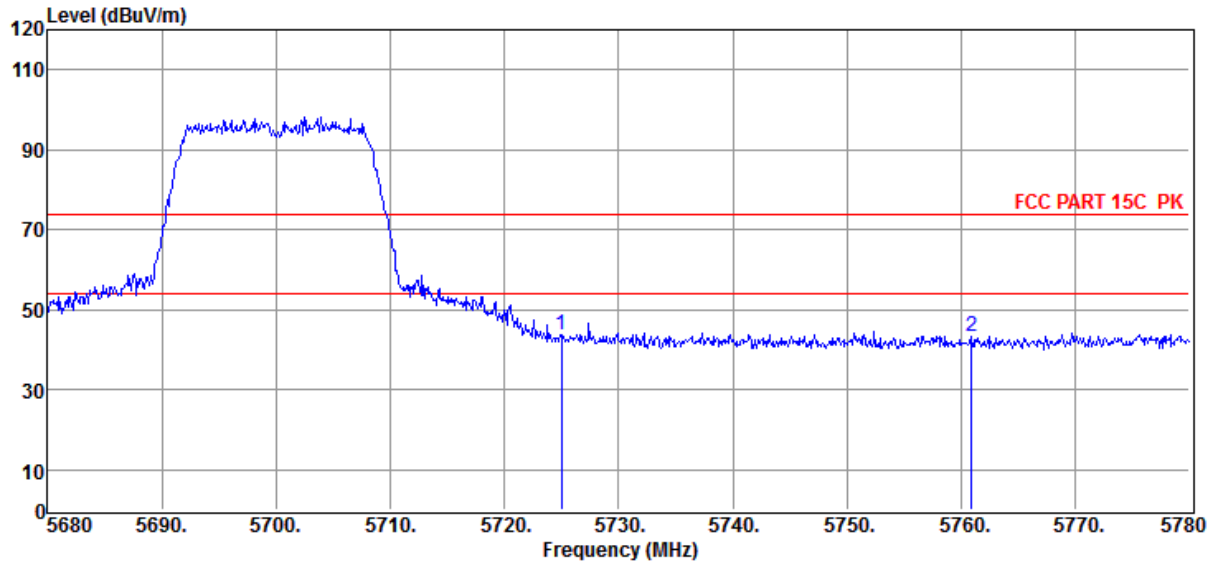
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11a ANT2 6M 5700MHz

Data: 222



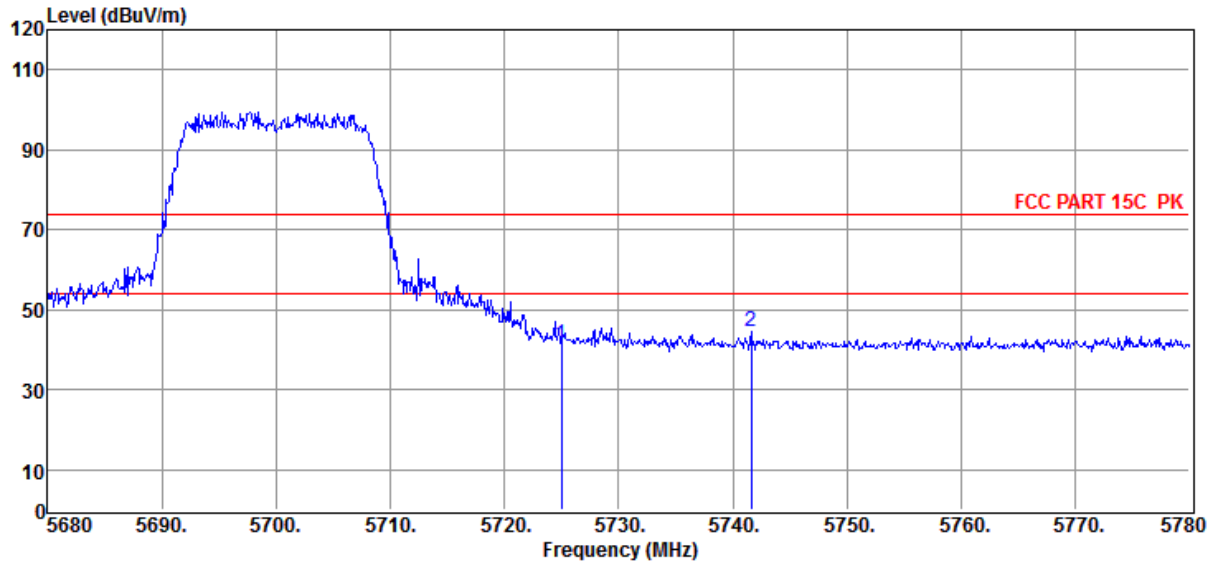
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	41.83	34.47	-32.53	43.77	74.00	-30.23	Peak	HORIZONTAL
2	5760.90	41.38	34.58	-32.54	43.42	74.00	-30.58	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11a ANT2 6M 5700MHz			

Data: 223



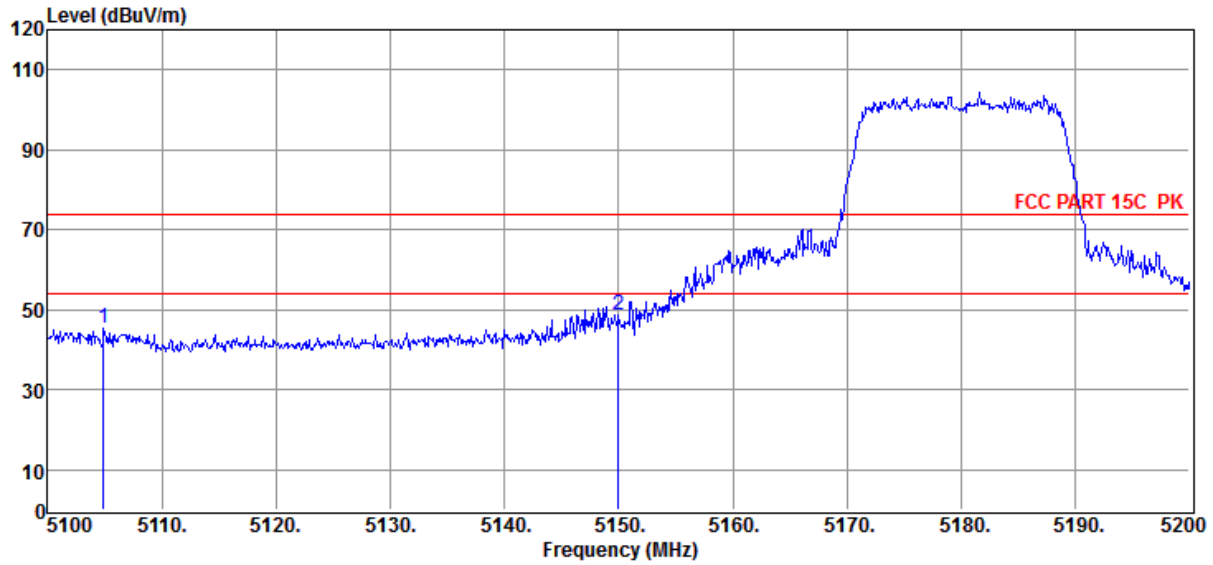
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	39.20	34.47	-32.53	41.14	74.00	-32.86	Peak	VERTICAL
2	5741.60	42.37	34.52	-32.53	44.36	74.00	-29.64	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11N20 ANT1 MCS0 5180MHz			

Data: 55



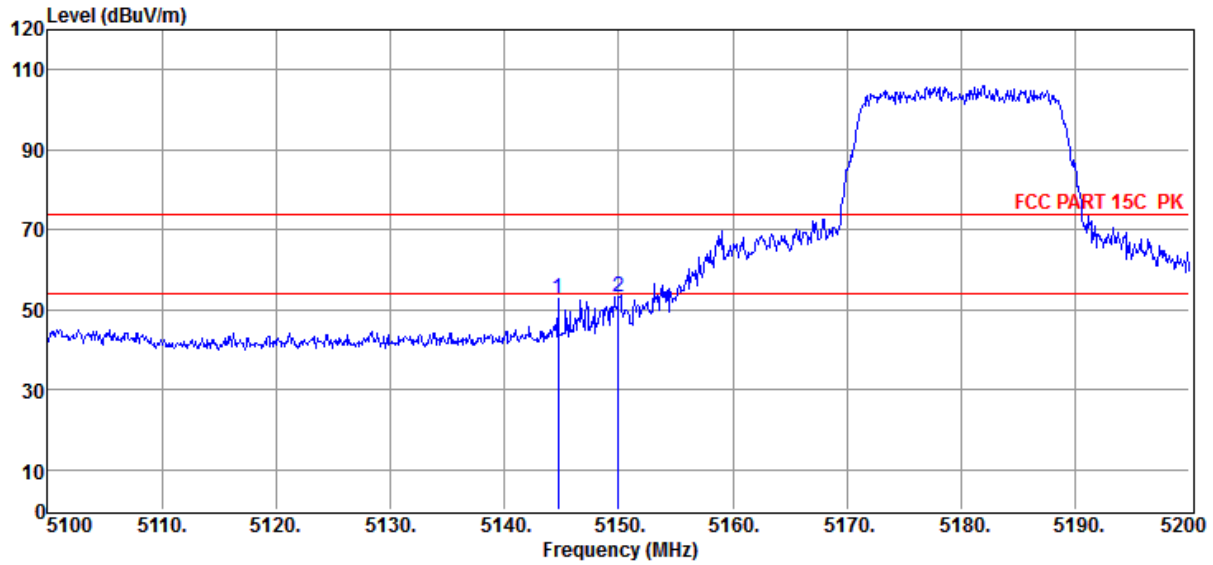
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5104.90	44.41	33.09	-32.14	45.36	74.00	-28.64	Peak	VERTICAL
2	5150.00	47.62	33.17	-32.32	48.47	74.00	-25.53	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11N20 ANT1 MCS0 5180MHz			

Data: 56



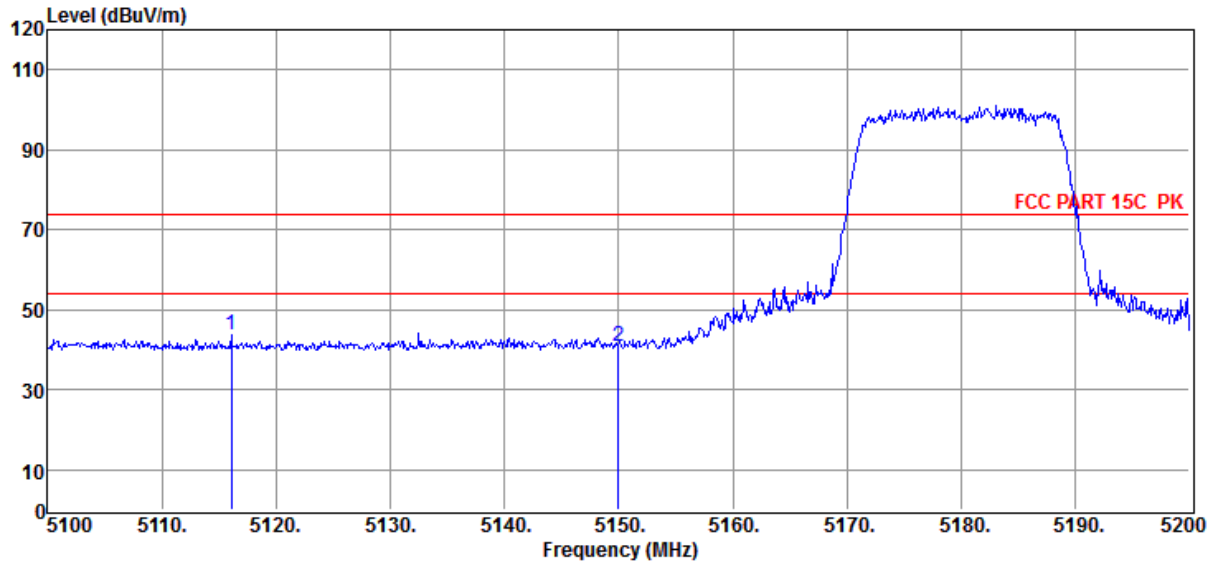
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5144.70	51.73	33.16	-32.30	52.59	74.00	-21.41	Peak	HORIZONTAL
2	5150.00	52.34	33.17	-32.32	53.19	74.00	-20.81	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11N20 ANT2 MCS0 5180MHz			

Data: 57



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5116.10	41.96	33.11	-31.46	43.61	74.00	-30.39	Peak	HORIZONTAL
2	5150.00	39.29	33.17	-31.67	40.79	74.00	-33.21	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

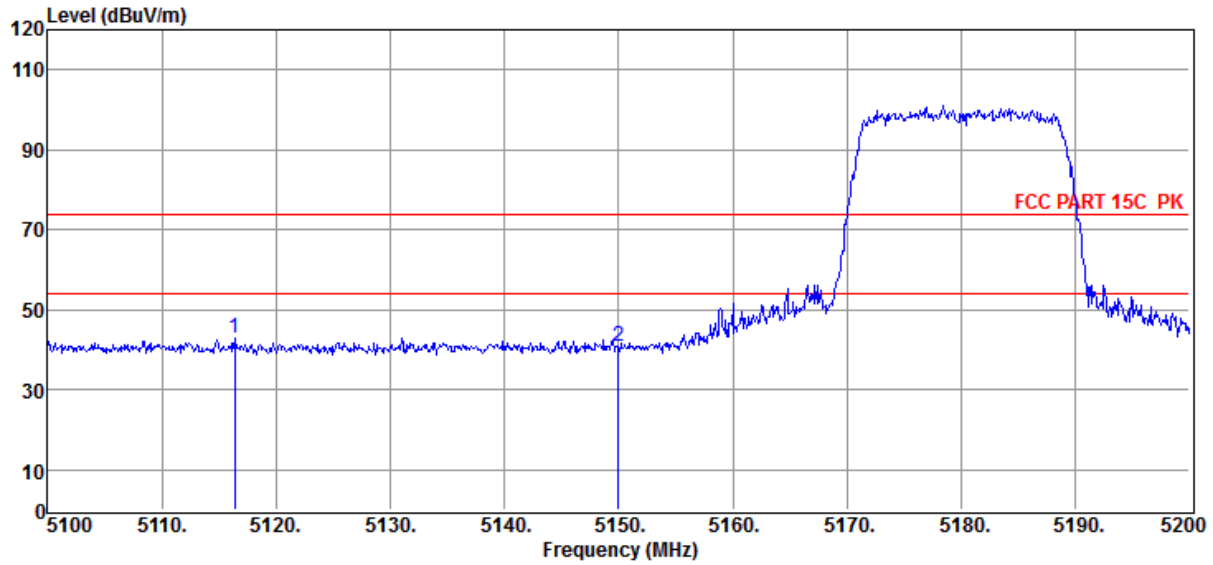
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11N20 ANT2 MCS0 5180MHz

Data: 58



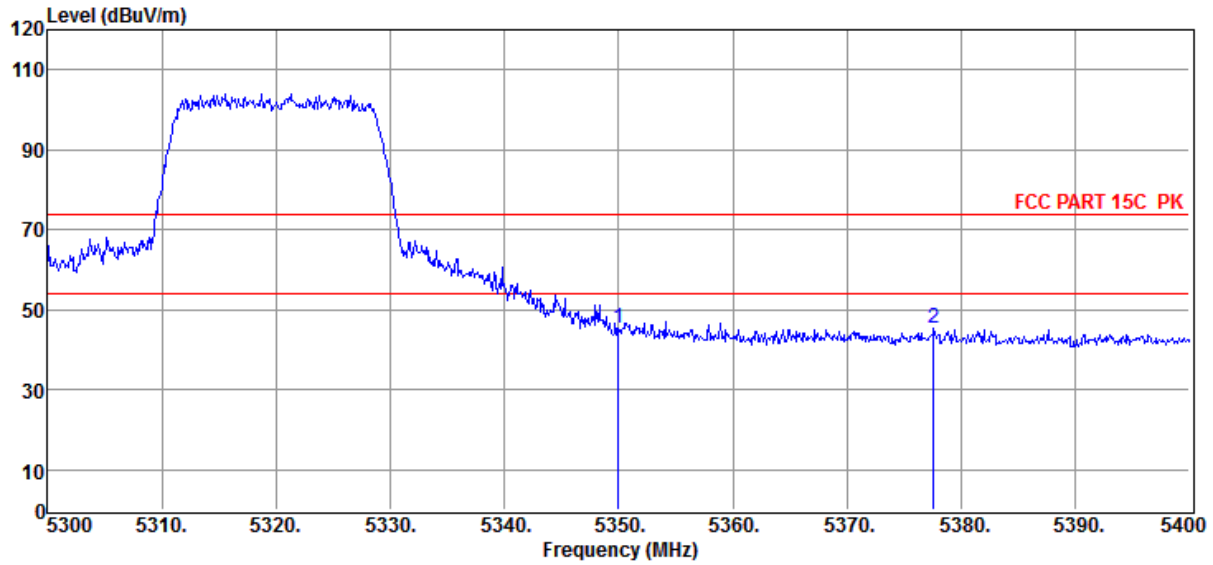
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5116.40	41.15	33.11	-31.46	42.80	74.00	-31.20	Peak	VERTICAL
2	5150.00	39.18	33.17	-31.67	40.68	74.00	-33.32	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11N20 ANT1 MCS0 5320MHz			

Data: 59



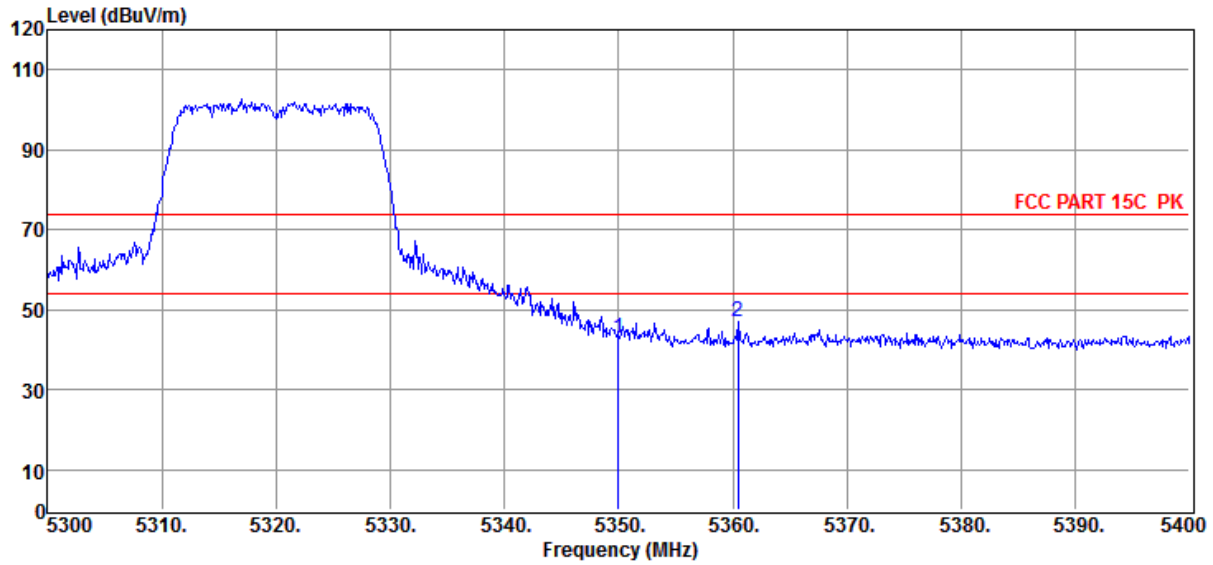
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	44.37	33.53	-32.45	45.45	74.00	-28.55	Peak	HORIZONTAL
2	5377.60	43.82	33.58	-32.22	45.18	74.00	-28.82	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11N20 ANT1 MCS0 5320MHz			

Data: 60



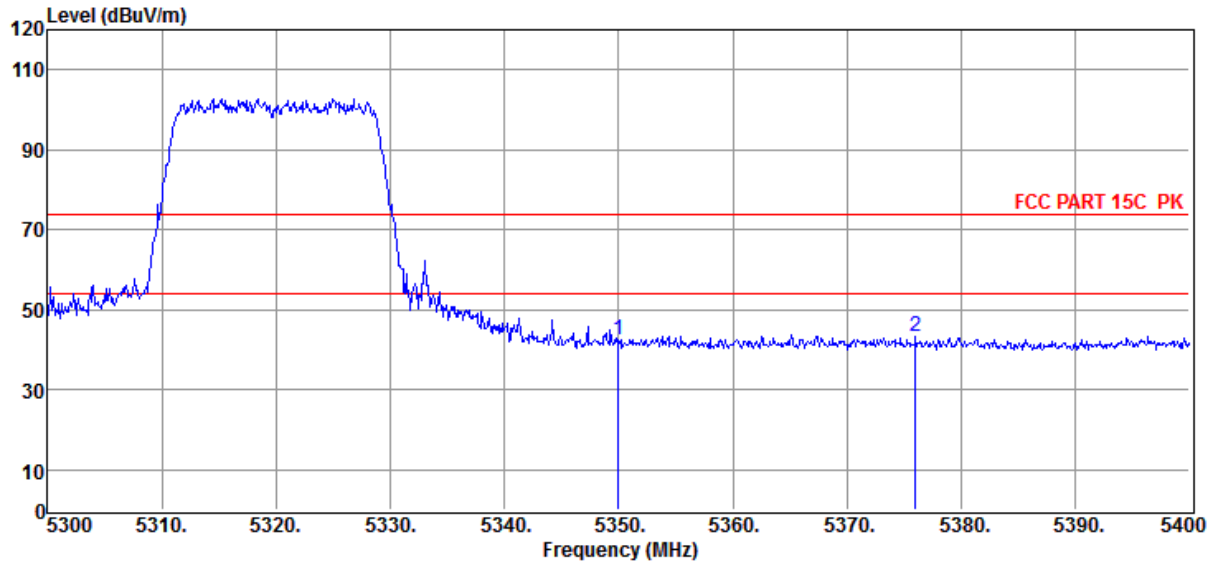
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	41.65	33.53	-32.45	42.73	74.00	-31.27	Peak	VERTICAL
2	5360.50	45.94	33.55	-32.36	47.13	74.00	-26.87	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11N20 ANT2 MCS0 5320MHz			

Data: 61



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	40.61	33.53	-31.85	42.29	74.00	-31.71	Peak	HORIZONTAL
2	5376.00	41.32	33.58	-31.73	43.17	74.00	-30.83	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

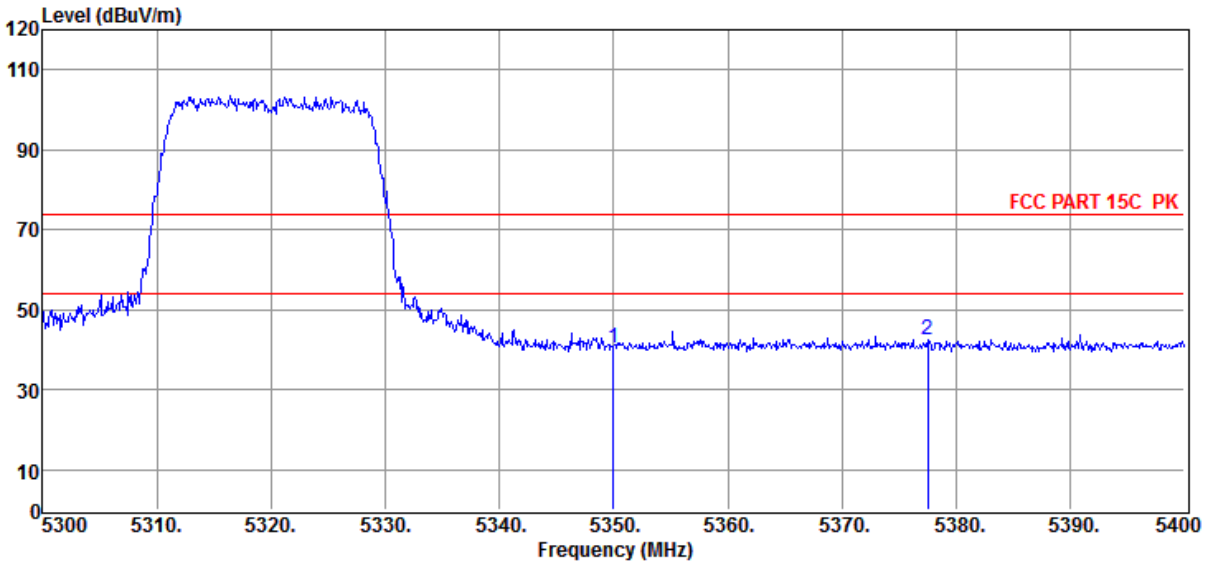
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11N20 ANT2 MCS0 5320MHz

Data: 62



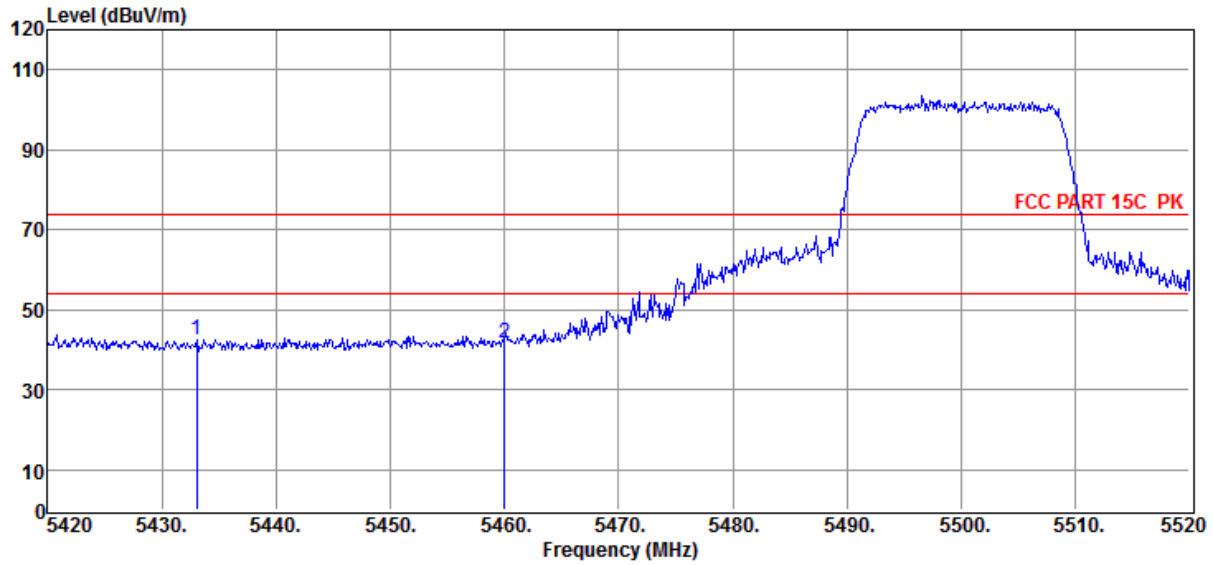
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	38.75	33.53	-31.85	40.43	74.00	-33.57	Peak	VERTICAL
2	5377.50	40.75	33.58	-31.72	42.61	74.00	-31.39	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11N20 ANT1 MCS0 5500MHz			

Data: 63



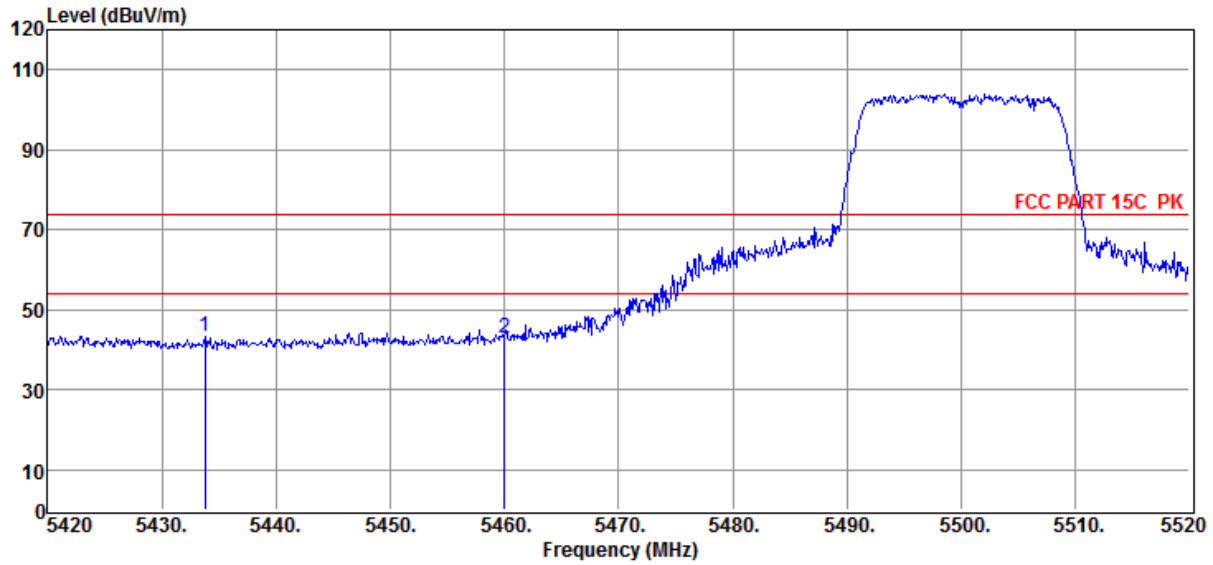
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5433.10	41.02	33.68	-32.11	42.59	74.00	-31.41	Peak	VERTICAL
2	5460.00	40.30	33.73	-32.20	41.83	74.00	-32.17	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11N20 ANT1 MCS0 5500MHz			

Data: 64



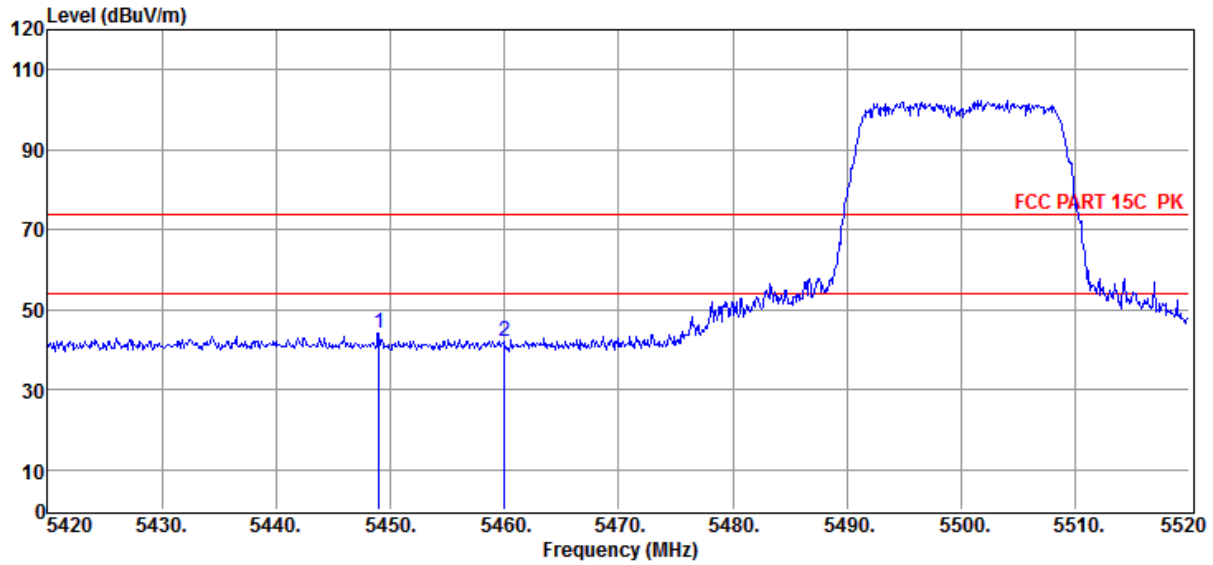
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5433.80	41.56	33.68	-32.11	43.13	74.00	-30.87	Peak	HORIZONTAL
2	5460.00	41.50	33.73	-32.20	43.03	74.00	-30.97	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11N20 ANT2 MCS0 5500MHz			

Data: 65



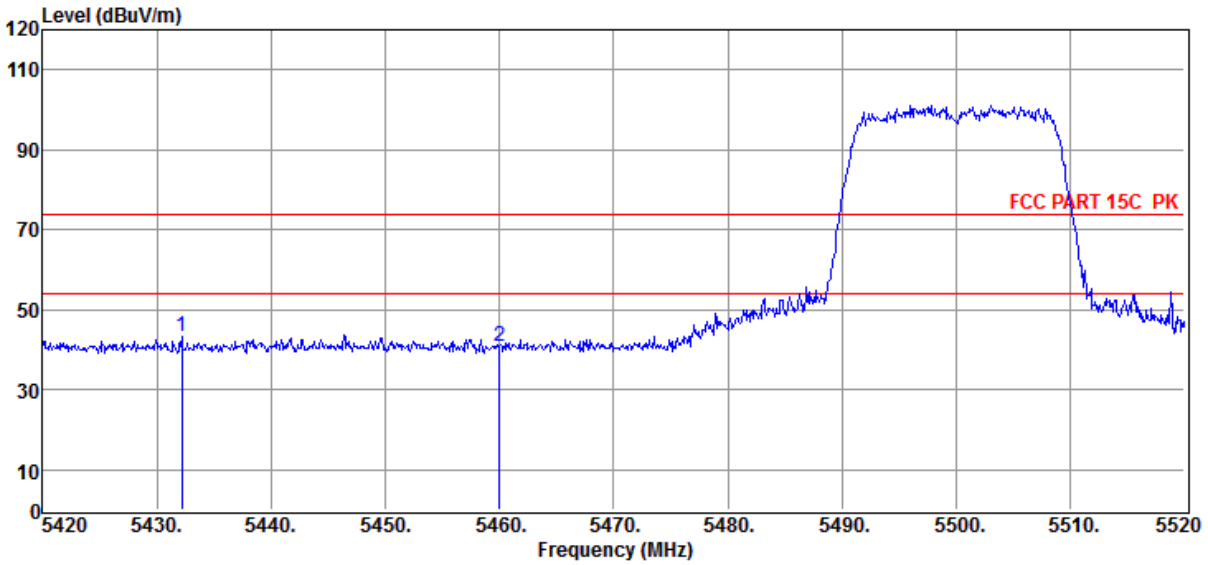
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5449.00	42.01	33.71	-31.48	44.24	74.00	-29.76	Peak	HORIZONTAL
2	5460.00	39.70	33.73	-31.49	41.94	74.00	-32.06	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11N20 ANT2 MCS0 5500MHz			

Data: 66



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5432.20	41.27	33.68	-31.53	43.42	74.00	-30.58	Peak	VERTICAL
2	5460.00	38.50	33.73	-31.49	40.74	74.00	-33.26	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

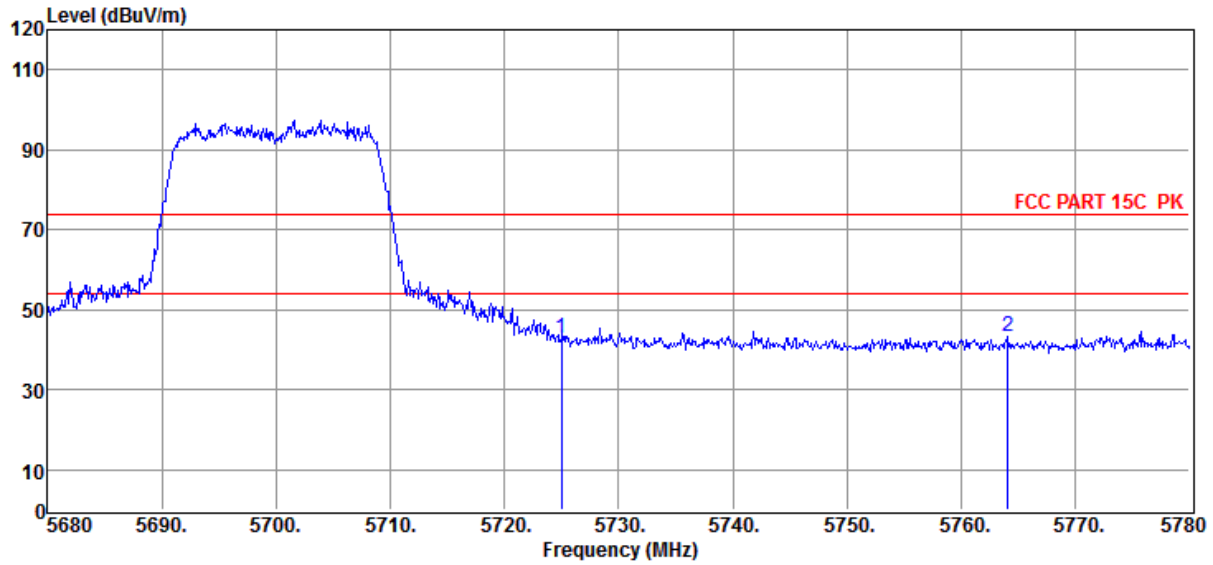
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11n20 ANT1 MCS0 5700MHz

Data: 224



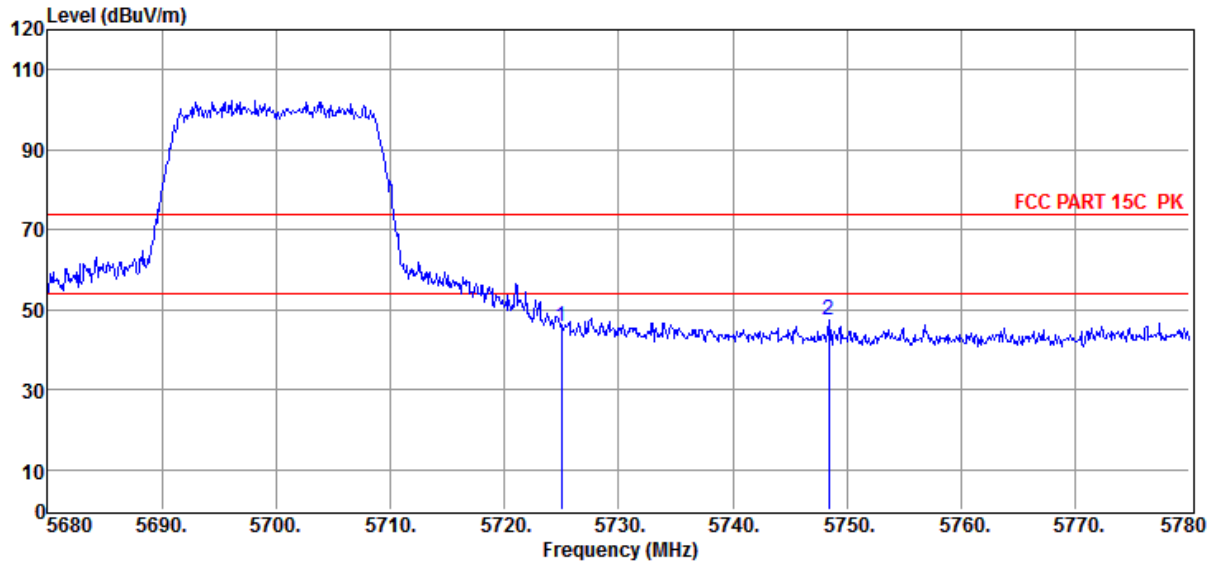
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	41.15	34.47	-32.53	43.09	74.00	-30.91	Peak	VERTICAL
2	5764.10	41.07	34.59	-32.55	43.11	74.00	-30.89	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11n20 ANT1 MCS0 5700MHz			

Data: 225



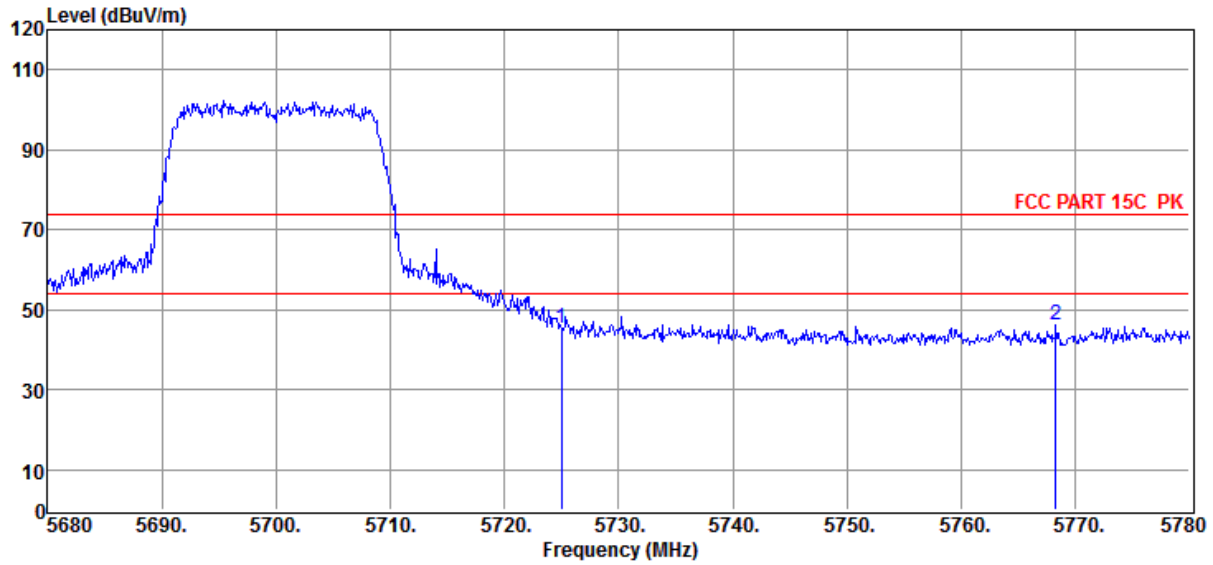
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	43.86	34.47	-32.53	45.80	74.00	-28.20	Peak	HORIZONTAL
2	5748.40	45.35	34.55	-32.54	47.36	74.00	-26.64	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11n20 ANT2 MCS0 5700MHz			

Data: 226



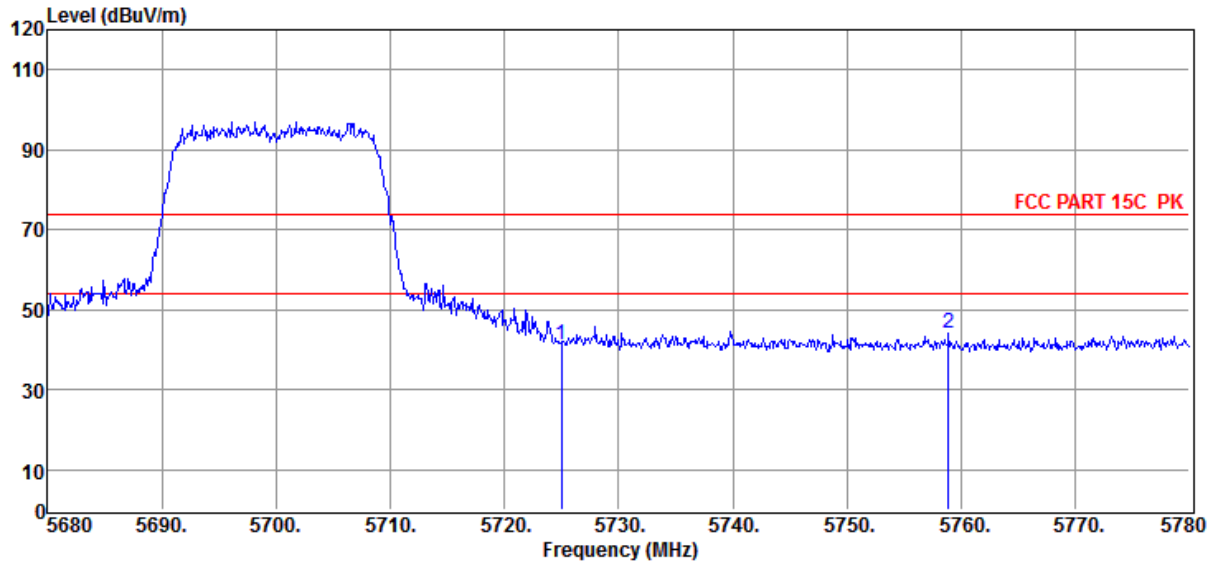
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	43.56	34.47	-32.53	45.50	74.00	-28.50	Peak	HORIZONTAL
2	5768.30	43.96	34.60	-32.55	46.01	74.00	-27.99	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11n20 ANT2 MCS0 5700MHz			

Data: 227



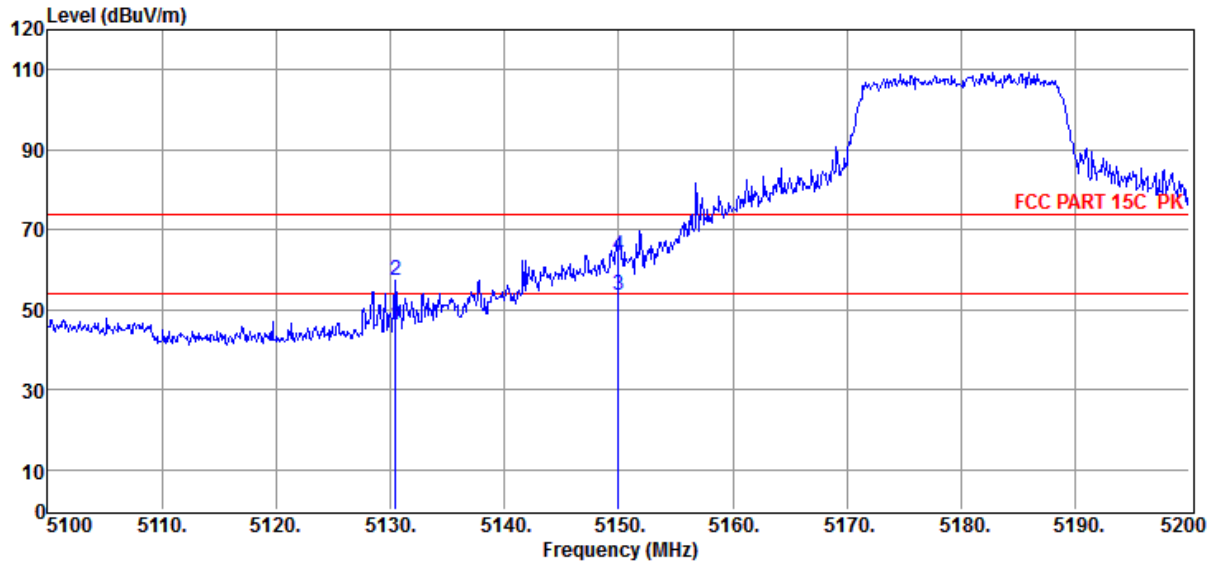
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	39.47	34.47	-32.53	41.41	74.00	-32.59	Peak	VERTICAL
2	5758.90	41.95	34.58	-32.54	43.99	74.00	-30.01	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11AC20 ANT1 MCS0 5180MHz			

Data: 75



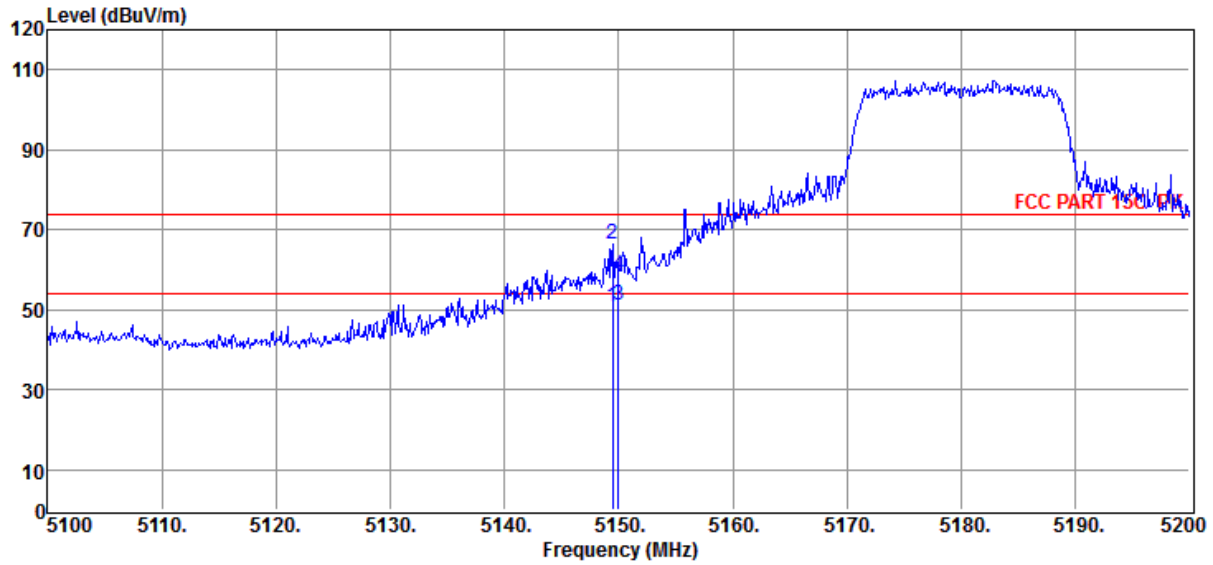
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5130.50	44.65	33.13	-31.55	46.23	54.00	-7.77	Average	HORIZONTAL
2	5130.50	55.91	33.13	-31.55	57.49	74.00	-16.51	Peak	HORIZONTAL
3	5150.00	52.26	33.17	-31.67	53.76	54.00	-0.24	Average	HORIZONTAL
4	5150.00	61.95	33.17	-31.67	63.45	74.00	-10.55	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11AC20 ANT1 MCS0 5180MHz			

Data: 76



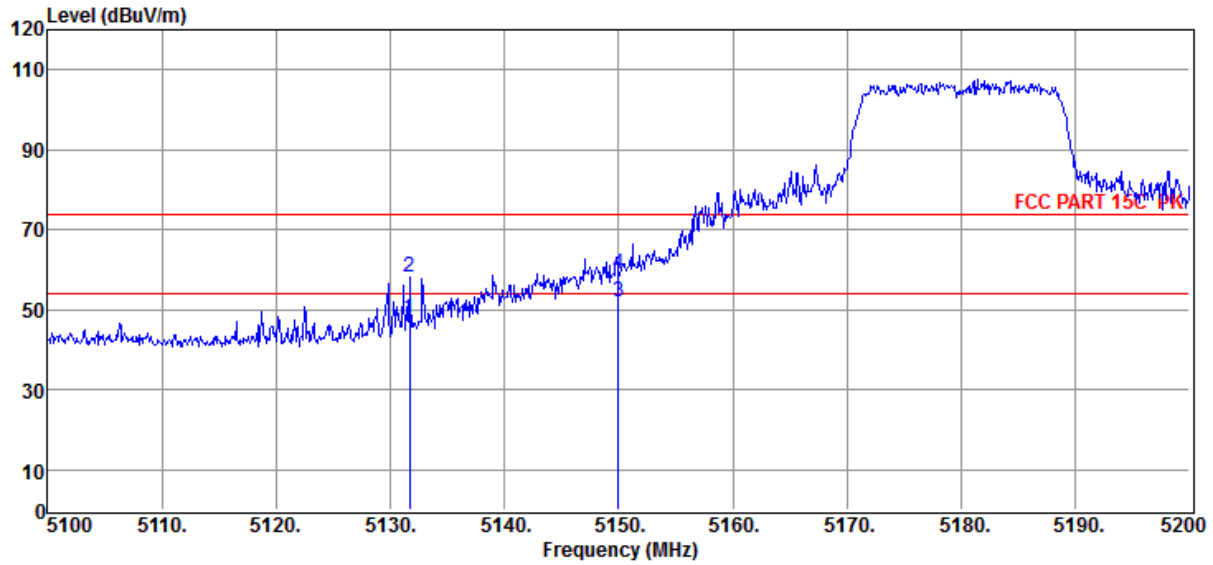
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5149.50	49.26	33.17	-31.67	50.76	54.00	-3.24	Average	VERTICAL
2	5149.50	64.96	33.17	-31.67	66.46	74.00	-7.54	Peak	VERTICAL
3	5150.00	49.53	33.17	-31.67	51.03	54.00	-2.97	Average	VERTICAL
4	5150.00	57.12	33.17	-31.67	58.62	74.00	-15.38	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11AC20 ANT2 MCS0 5180MHz			

Data: 77



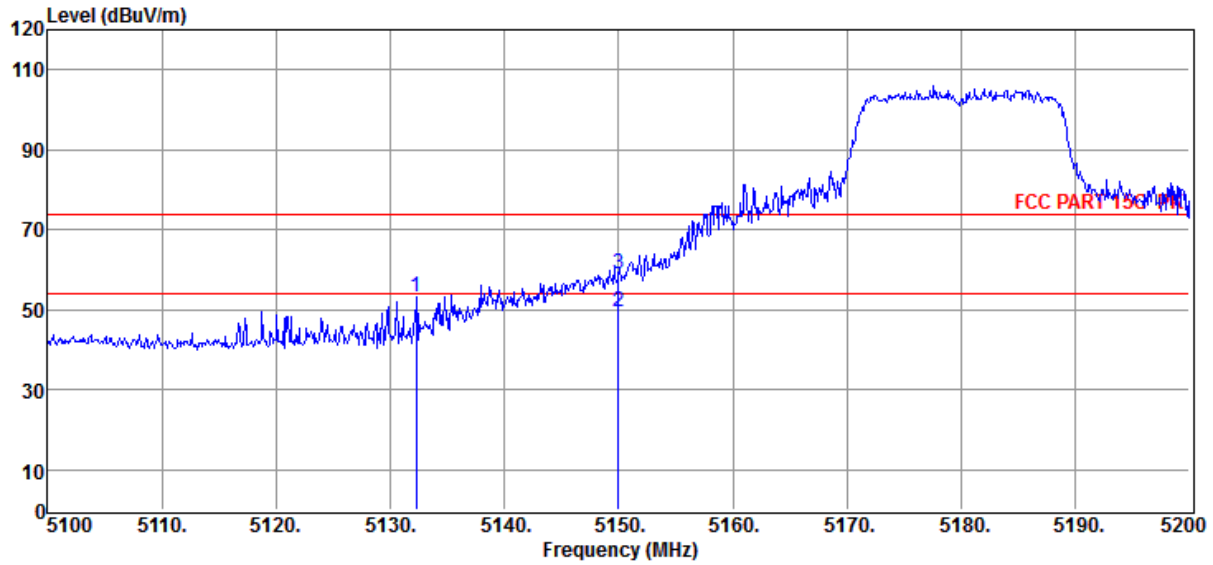
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5131.70	46.46	33.14	-31.56	48.04	54.00	-5.96	Average	HORIZONTAL
2	5131.70	56.54	33.14	-31.56	58.12	74.00	-15.88	Peak	HORIZONTAL
3	5150.00	50.45	33.17	-31.67	51.95	54.00	-2.05	Average	HORIZONTAL
4	5150.00	57.64	33.17	-31.67	59.14	74.00	-14.86	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11AC20 ANT2 MCS0 5180MHz			

Data: 78



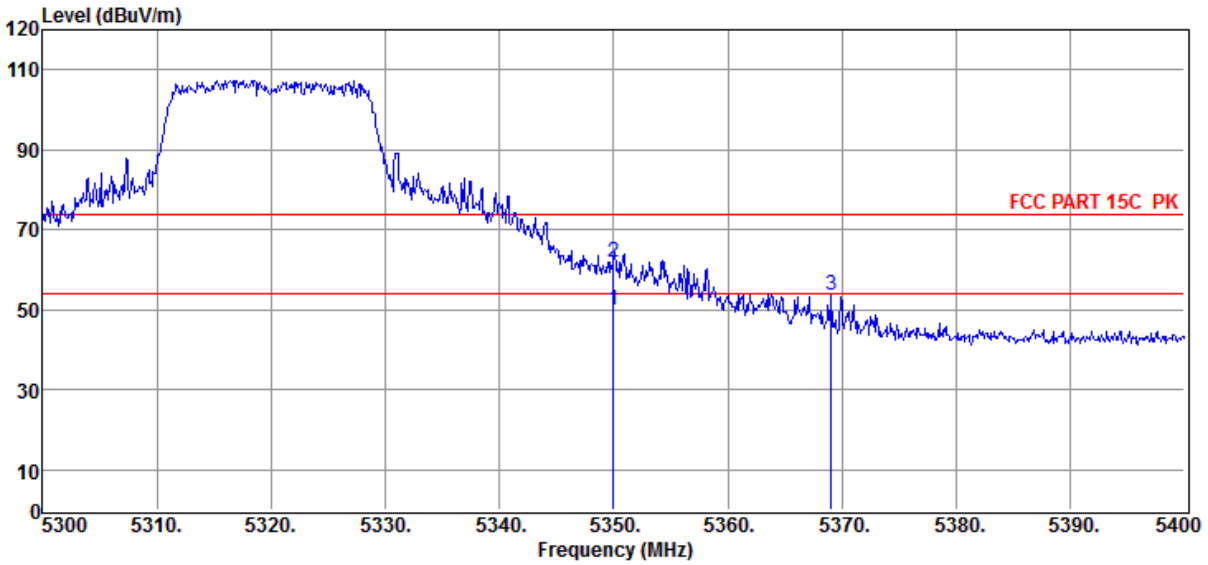
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5132.30	51.41	33.14	-31.56	52.99	74.00	-21.01	Peak	VERTICAL
2	5150.00	47.98	33.17	-31.67	49.48	54.00	-4.52	Average	VERTICAL
3	5150.00	57.32	33.17	-31.67	58.82	74.00	-15.18	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11AC20 ANT2 MCS0 5300MHz			

Data: 79



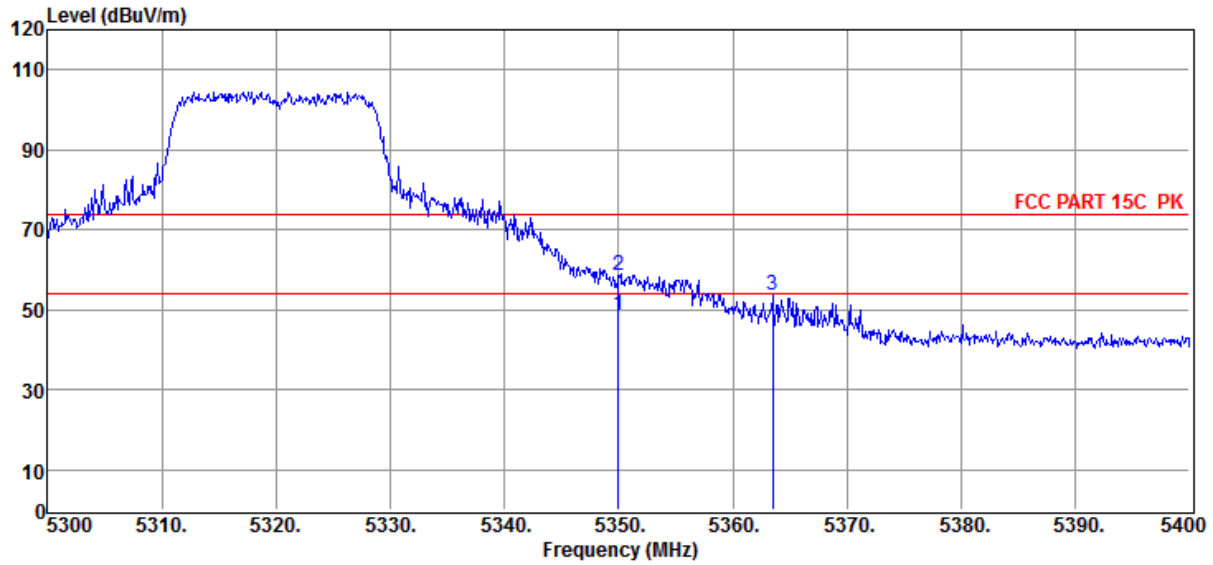
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	48.29	33.53	-31.85	49.97	54.00	-4.03	Average	HORIZONTAL
2	5350.00	60.00	33.53	-31.85	61.68	74.00	-12.32	Peak	HORIZONTAL
3	5369.10	51.62	33.56	-31.76	53.42	74.00	-20.58	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11AC20 ANT2 MCS0 5300MHz			

Data: 80



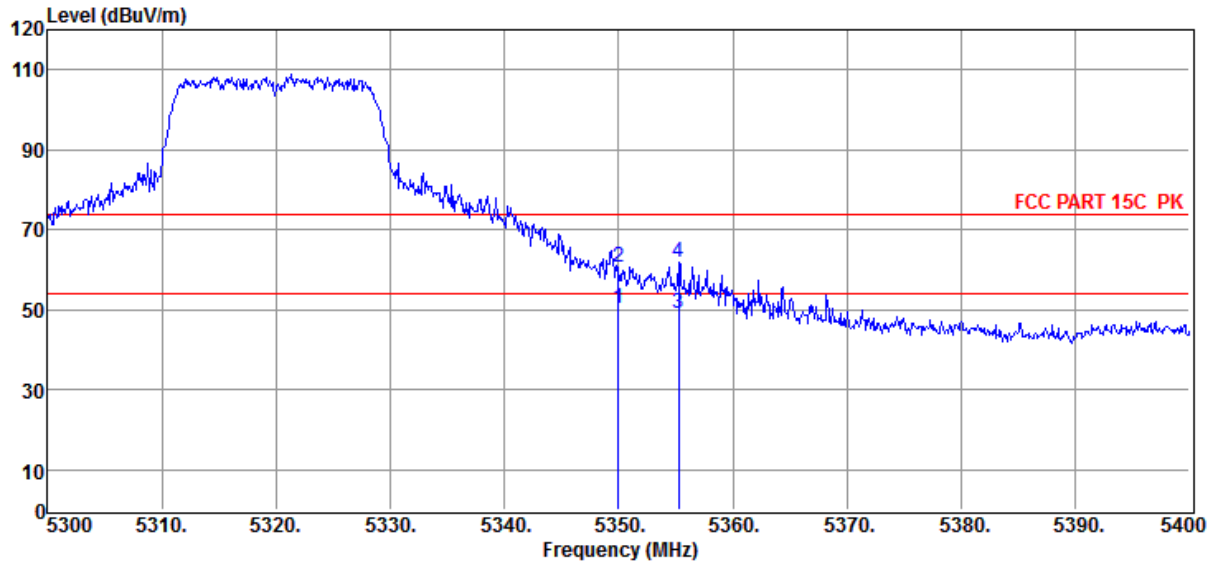
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	47.02	33.53	-31.85	48.70	54.00	-5.30	Average	VERTICAL
2	5350.00	57.04	33.53	-31.85	58.72	74.00	-15.28	Peak	VERTICAL
3	5363.50	51.75	33.55	-31.79	53.51	74.00	-20.49	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11AC20 ANT1 MCS0 5300MHz			

Data: 81



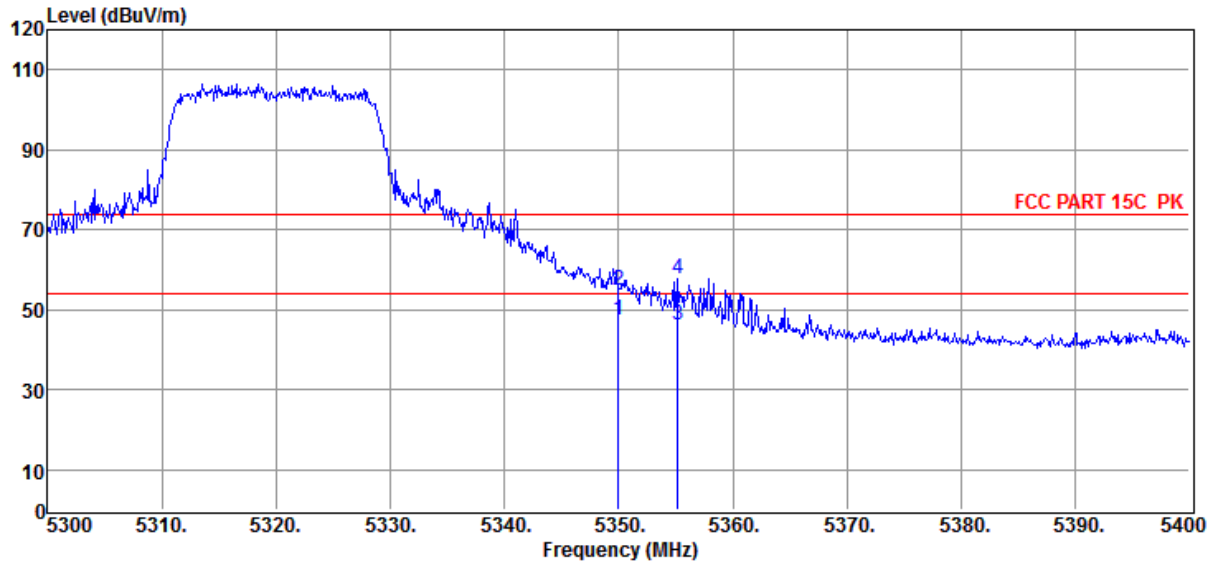
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	48.71	33.53	-31.85	50.39	54.00	-3.61	Average	HORIZONTAL
2	5350.00	58.92	33.53	-31.85	60.60	74.00	-13.40	Peak	HORIZONTAL
3	5355.30	47.31	33.54	-31.82	49.03	54.00	-4.97	Average	HORIZONTAL
4	5355.30	59.97	33.54	-31.82	61.69	74.00	-12.31	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11AC20 ANT1 MCS0 5300MHz			

Data: 82



Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5350.00	45.84	33.53	-31.85	47.52	54.00	-6.48	Average	VERTICAL
2	5350.00	53.17	33.53	-31.85	54.85	74.00	-19.15	Peak	VERTICAL
3	5355.20	44.61	33.54	-31.83	46.32	54.00	-7.68	Average	VERTICAL
4	5355.20	55.90	33.54	-31.83	57.61	74.00	-16.39	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

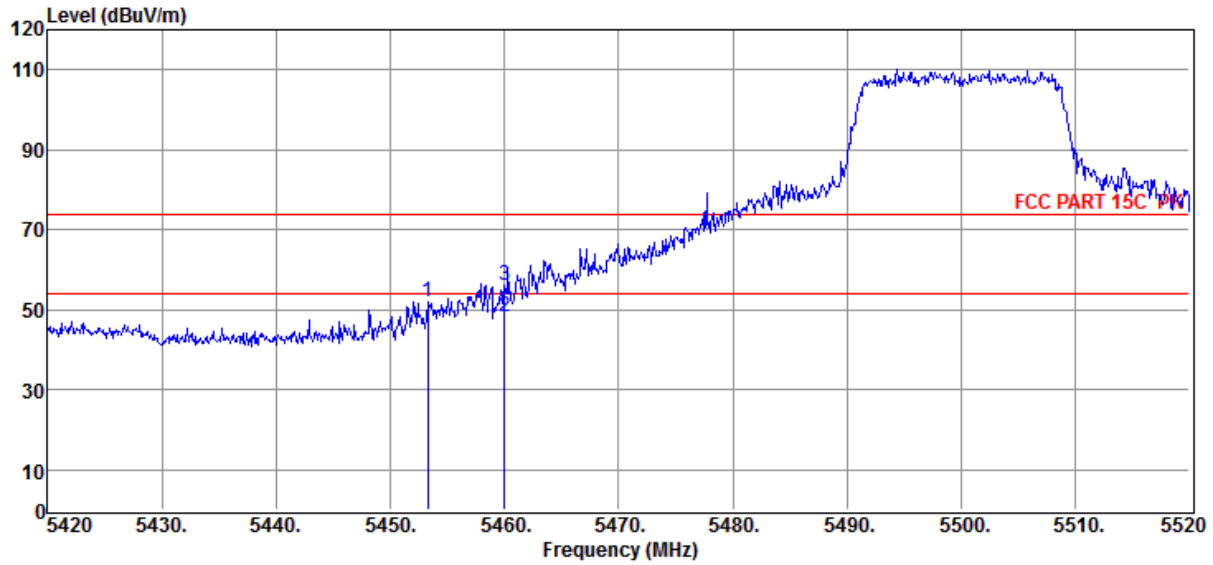
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11AC20 ANT1 MCS0 5500MHz

Data: 83



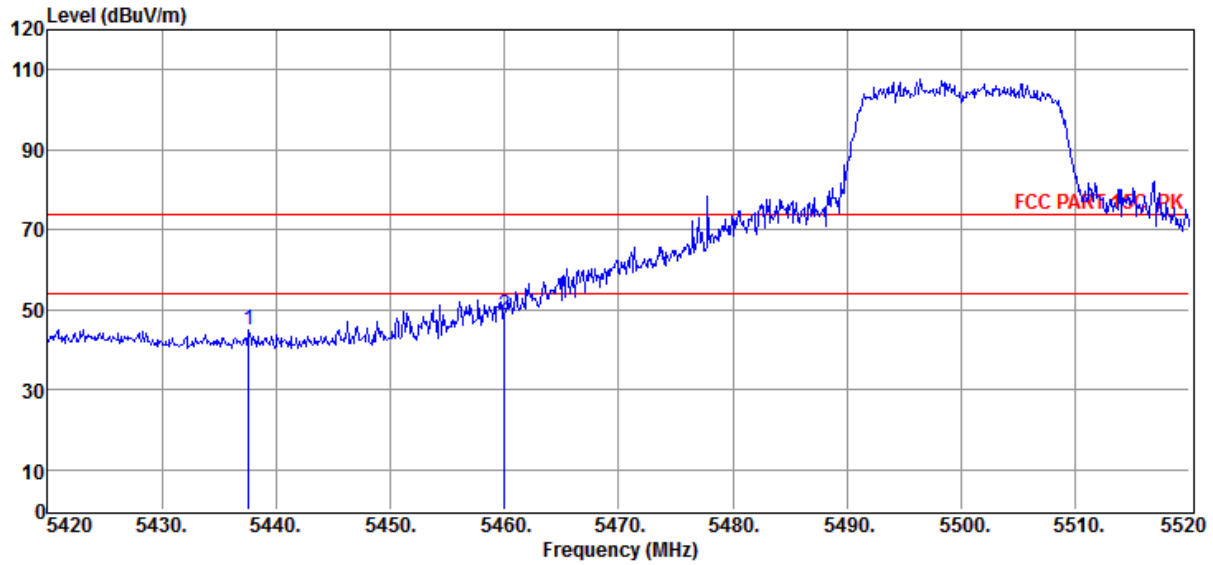
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5453.30	49.70	33.72	-31.48	51.94	74.00	-22.06	Peak	HORIZONTAL
2	5460.00	46.15	33.73	-31.49	48.39	54.00	-5.61	Average	HORIZONTAL
3	5460.00	53.85	33.73	-31.49	56.09	74.00	-17.91	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11AC20 ANT1 MCS0 5500MHz			

Data: 84



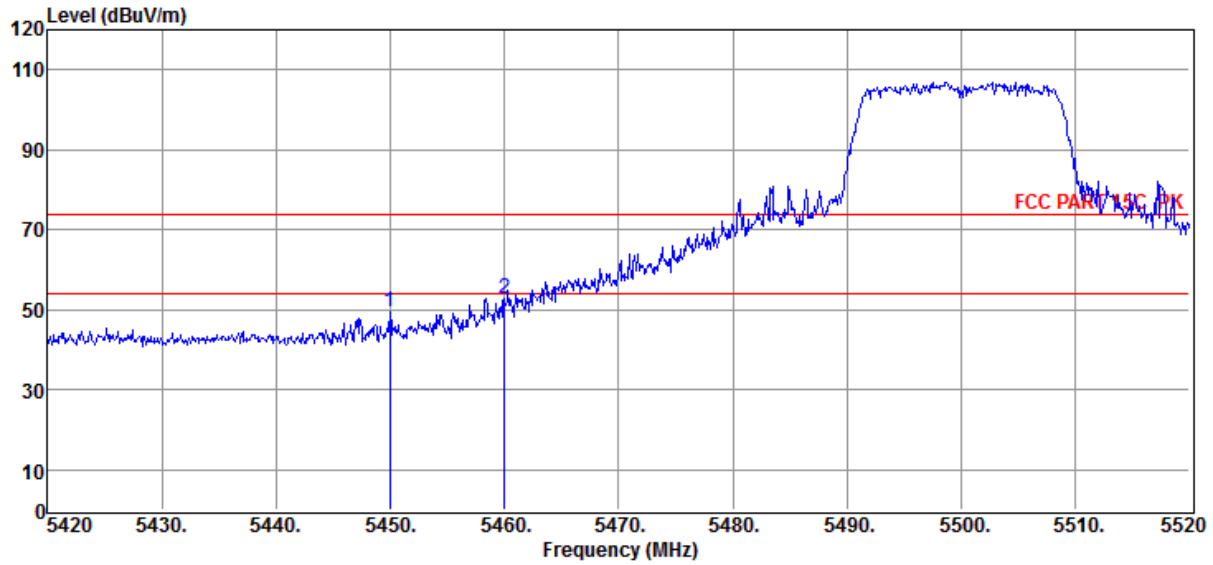
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5437.60	42.56	33.69	-31.51	44.74	74.00	-29.26	Peak	VERTICAL
2	5460.00	46.37	33.73	-31.49	48.61	74.00	-25.39	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11AC20 ANT2 MCS0 5500MHz			

Data: 85



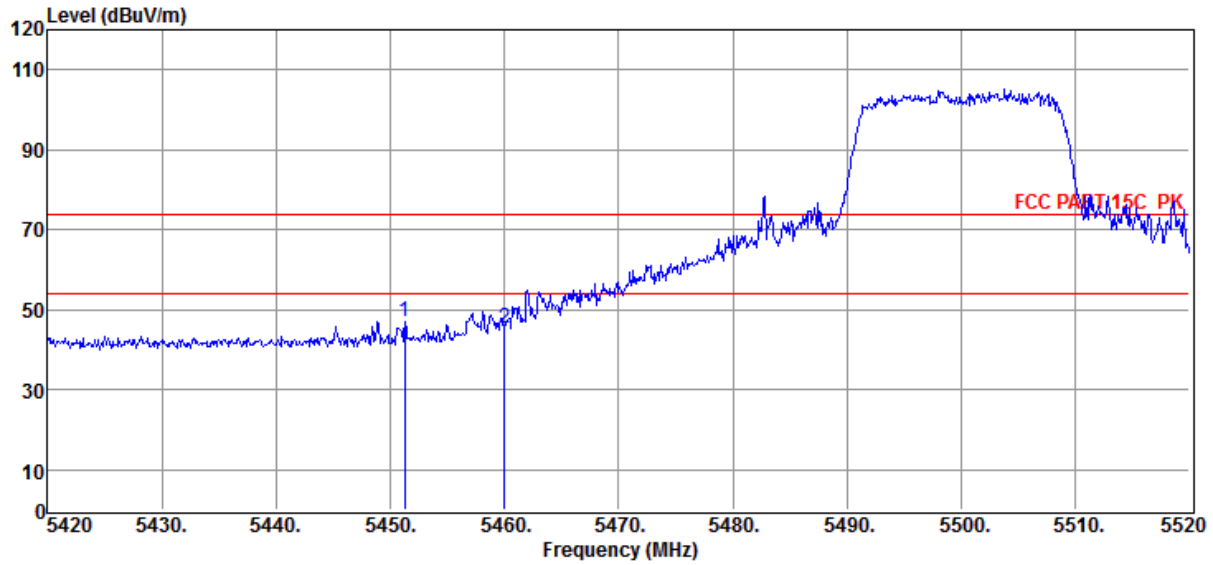
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5450.00	47.12	33.71	-31.48	49.35	74.00	-24.65	Peak	HORIZONTAL
2	5460.00	50.61	33.73	-31.49	52.85	74.00	-21.15	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS III
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11AC20 ANT2 MCS0 5500MHz			

Data: 86



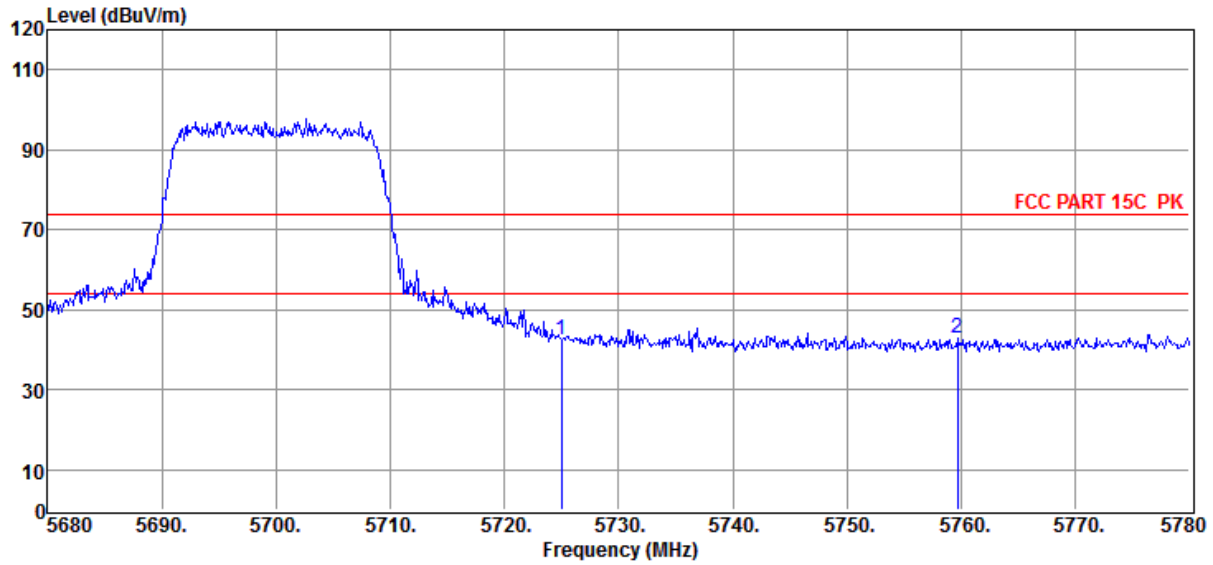
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5451.30	44.75	33.71	-31.48	46.98	74.00	-27.02	Peak	VERTICAL
2	5460.00	43.02	33.73	-31.49	45.26	74.00	-28.74	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11ac20 ANT1 MCS0 5700MHz			

Data: 228



Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	40.39	34.47	-32.53	42.33	74.00	-31.67	Peak	VERTICAL
2	5759.70	40.81	34.58	-32.54	42.85	74.00	-31.15	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site : 10m Chamber

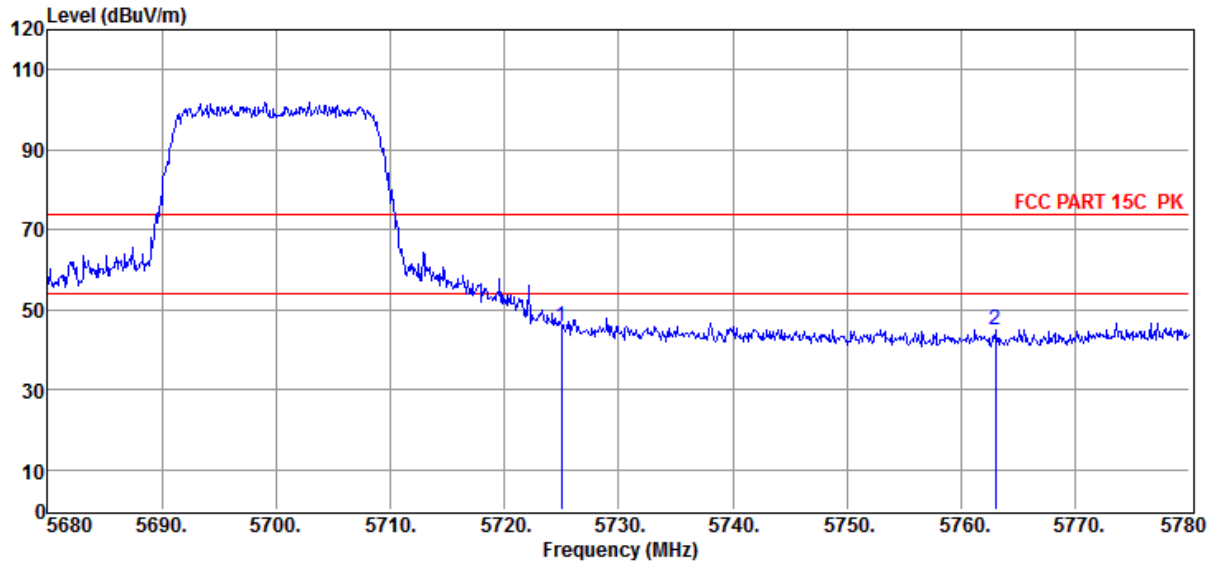
Test Date : 05-24-2023 **Tested By** : Sunny

EUT : Formation performance multi-rotor UAV **Model Number** : CROSS STARS III

Power Supply : Battery **Test Mode** : Tx Mode

Memo : 11ac20 ANT1 MCS0 5700MHz

Data: 229



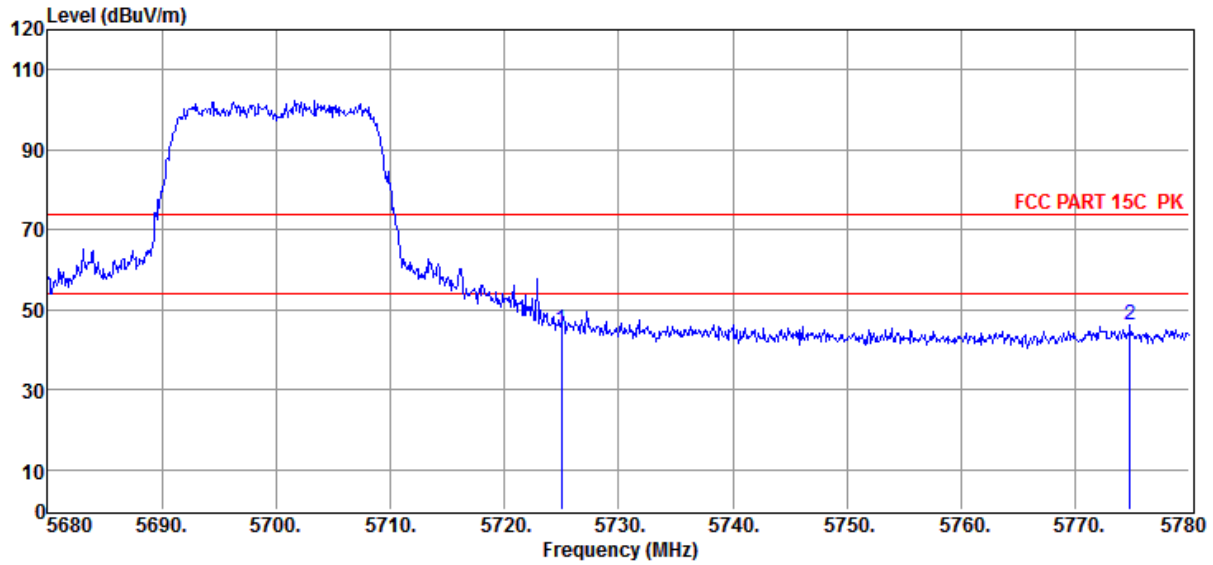
Item (Mark)	Freq. (MHz)	Read Level (dBµV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBµV/m)	Limit Line (dBµV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	43.81	34.47	-32.53	45.75	74.00	-28.25	Peak	HORIZONTAL
2	5763.00	43.08	34.59	-32.55	45.12	74.00	-28.88	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11ac20 ANT2 MCS0 5700MHz			

Data: 230



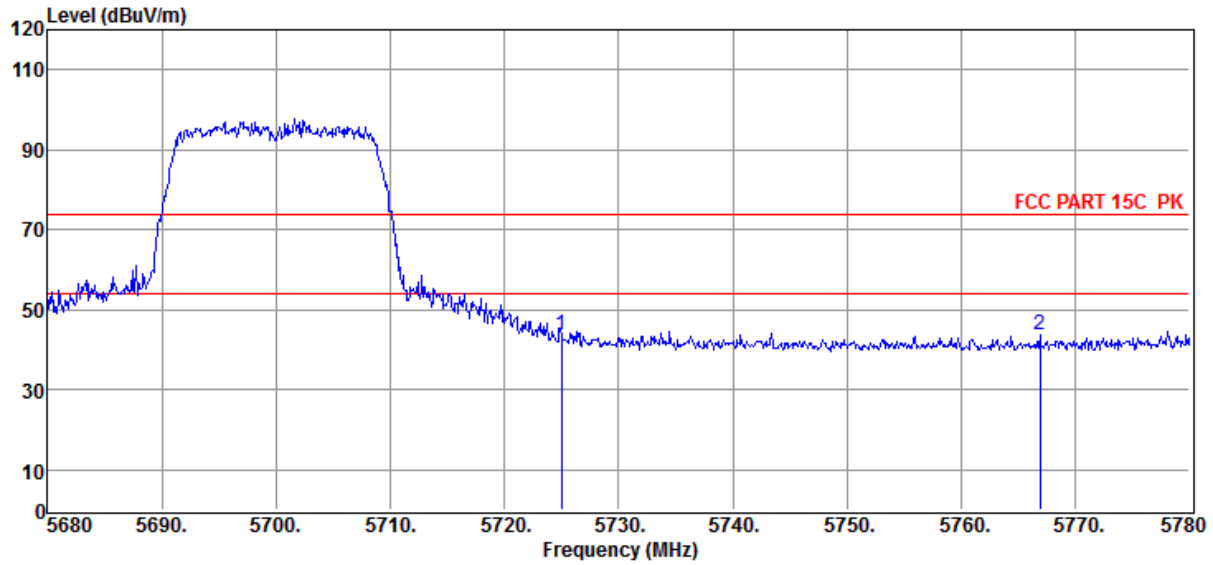
Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	43.19	34.47	-32.53	45.13	74.00	-28.87	Peak	HORIZONTAL
2	5774.80	44.29	34.62	-32.55	46.36	74.00	-27.64	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

Radiated Emission Test Result

Test Site	:	10m Chamber			
Test Date	:	05-24-2023	**Tested By**	:	Sunny
EUT	:	Formation performance multi-rotor UAV	**Model Number**	:	CROSS STARS Ⅲ
Power Supply	:	Battery	**Test Mode**	:	Tx Mode
Memo	:	11ac20 ANT2 MCS0 5700MHz			

Data: 231

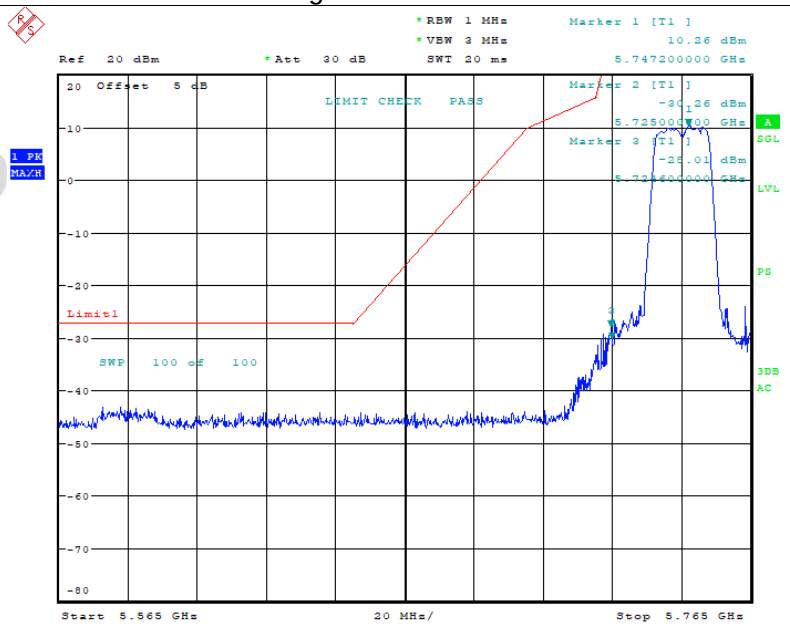


Item (Mark)	Freq. (MHz)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss dB	Result Level (dBμV/m)	Limit Line (dBμV/m)	Over Limit (dB)	Detector	Polarization
1	5725.00	41.91	34.47	-32.53	43.85	74.00	-30.15	Peak	VERTICAL
2	5766.90	41.67	34.60	-32.55	43.72	74.00	-30.28	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.
4. Margin = Result Level - Limit.

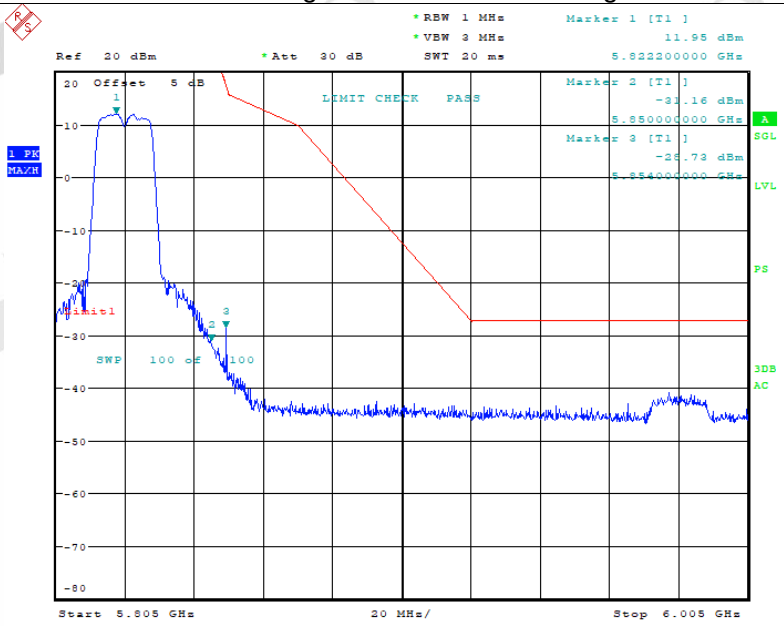
Test Graphs

Band Edge NVNT a 5745MHz Low Ant1



Date: 17.AUG.2022 12:54:36

Band Edge NVNT a 5825MHz High Ant1



Date: 17.AUG.2022 14:18:30

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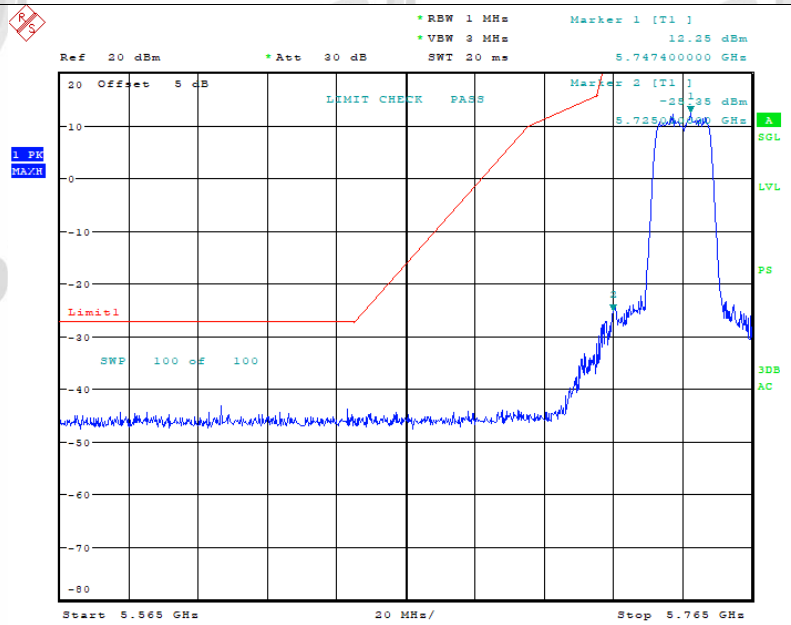
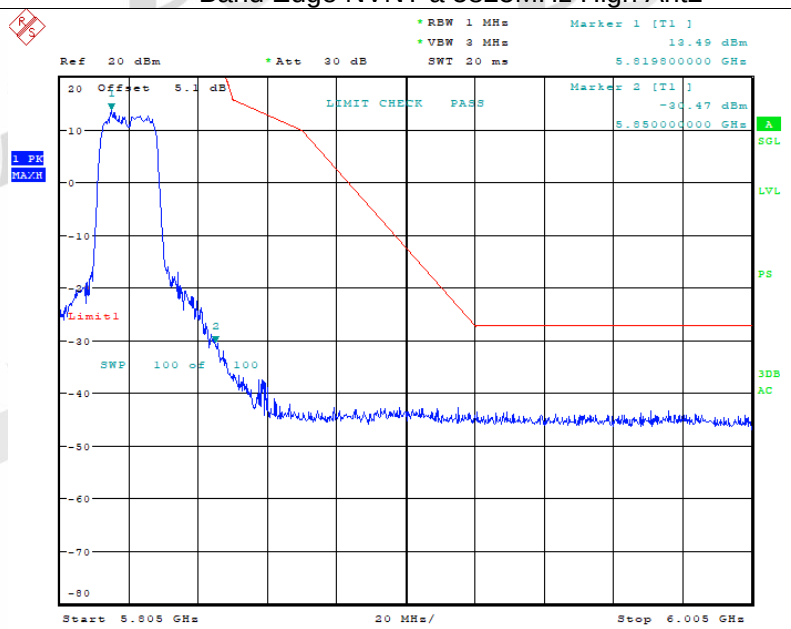
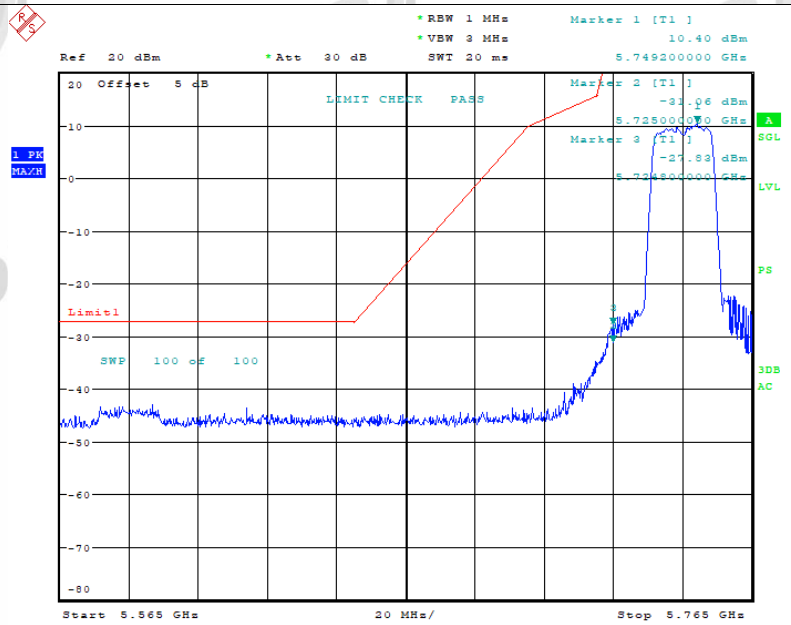


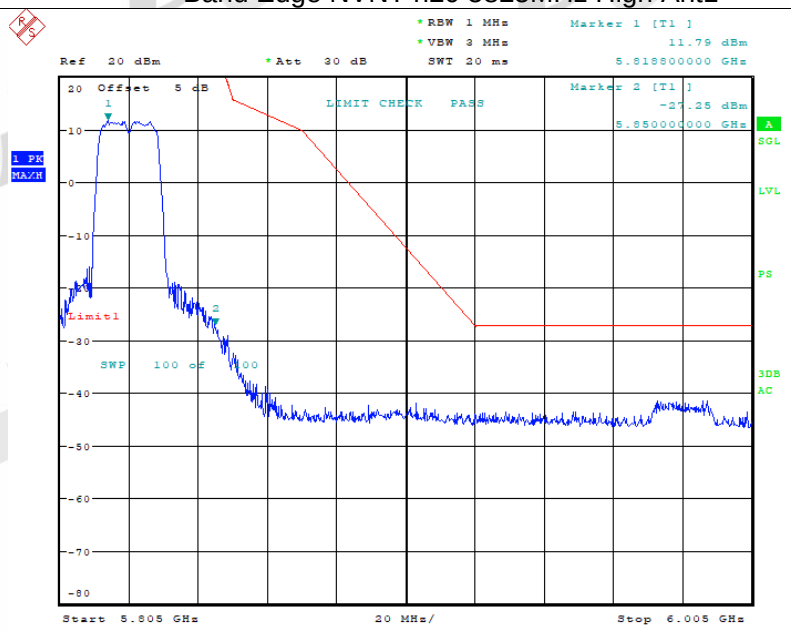
Band Edge NVNT a 5825MHz High Ant2



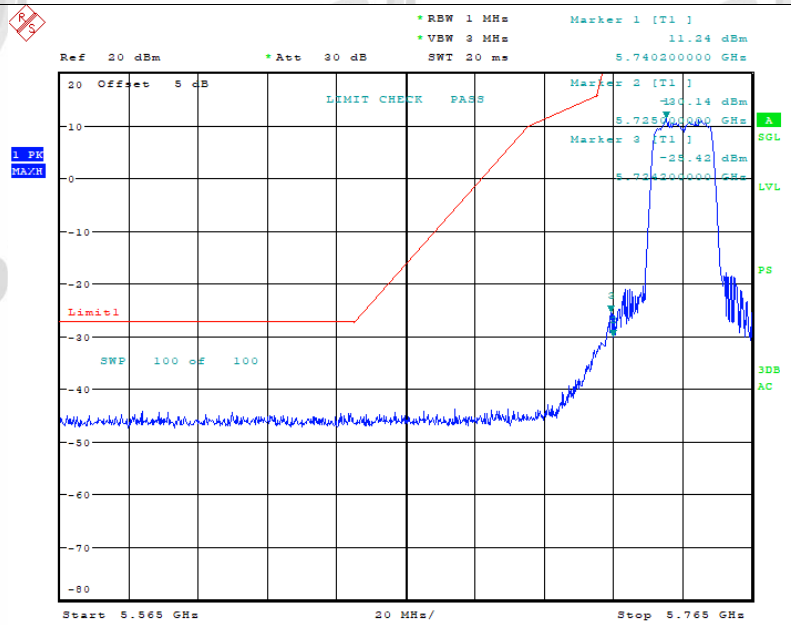
Band Edge NVNT n20 5745MHz Low Ant1



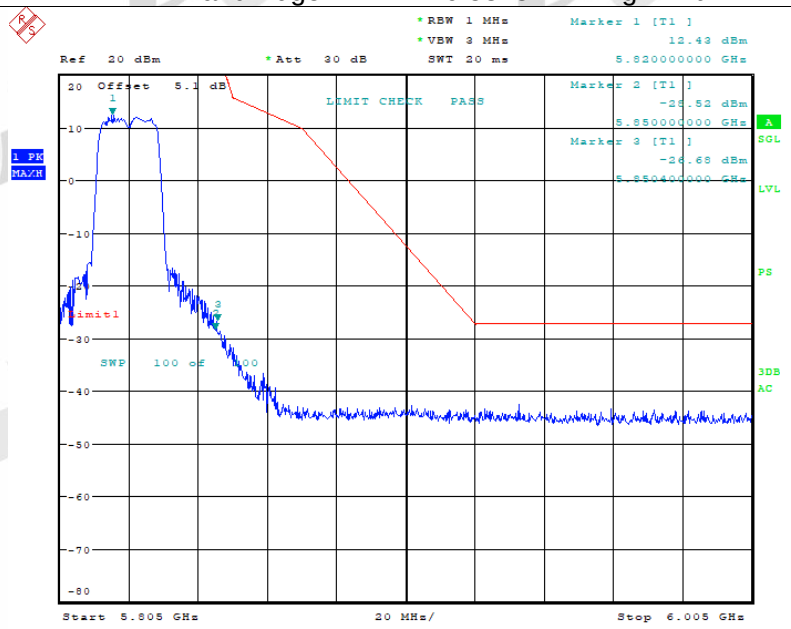
Band Edge NVNT n20 5825MHz High Ant1



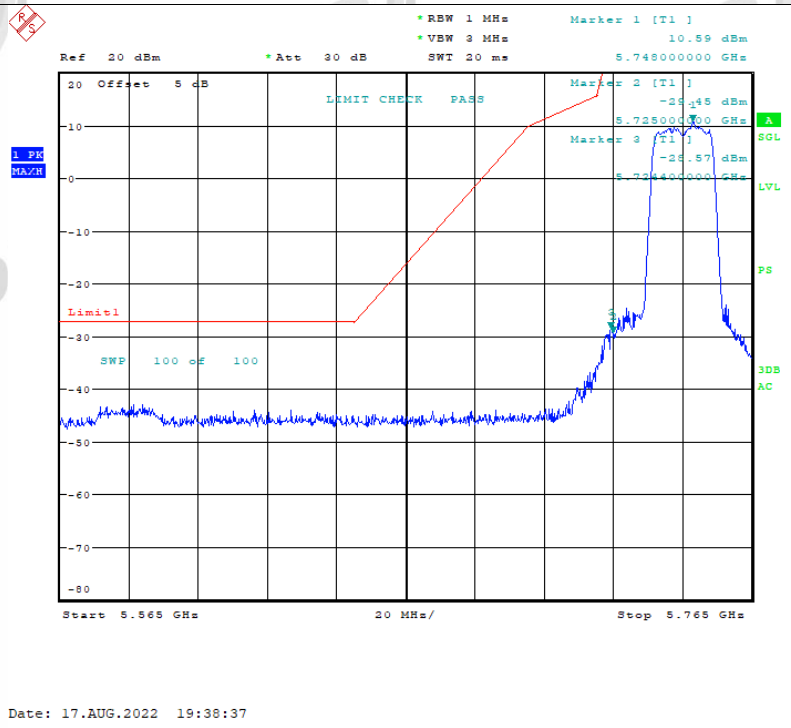
Band Edge NVNT n20 5745MHz Low Ant2



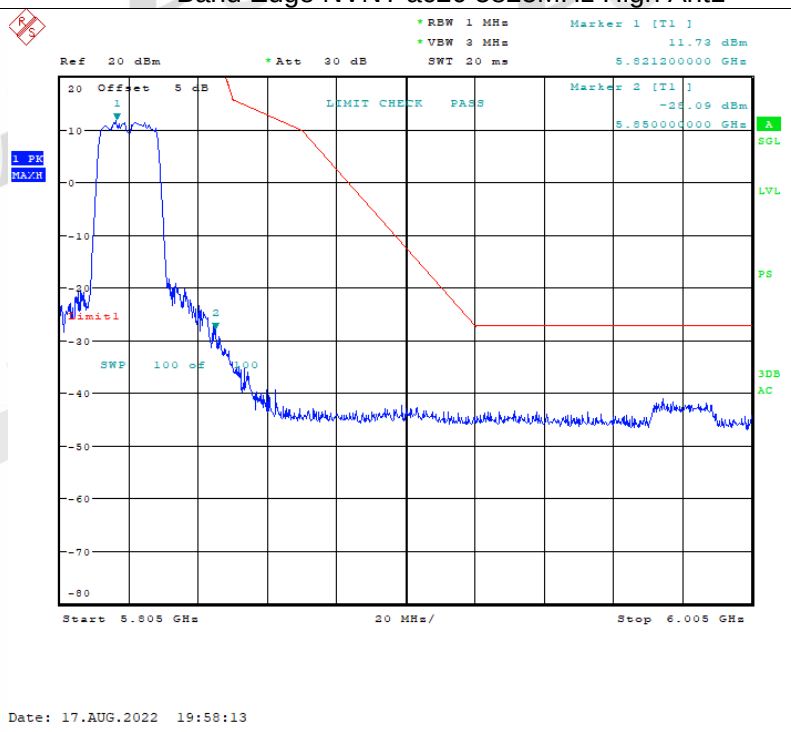
Band Edge NVNT n20 5825MHz High Ant2



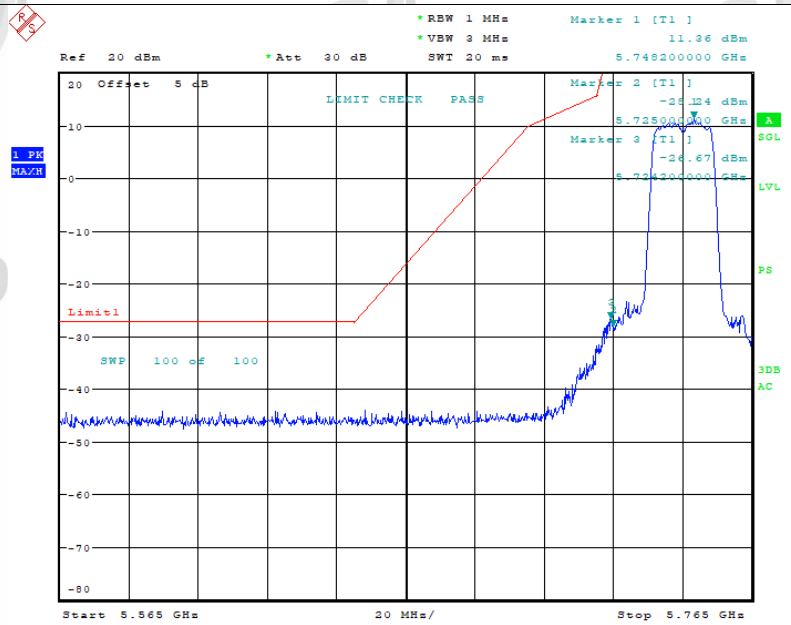
Band Edge NVNT ac20 5745MHz Low Ant1



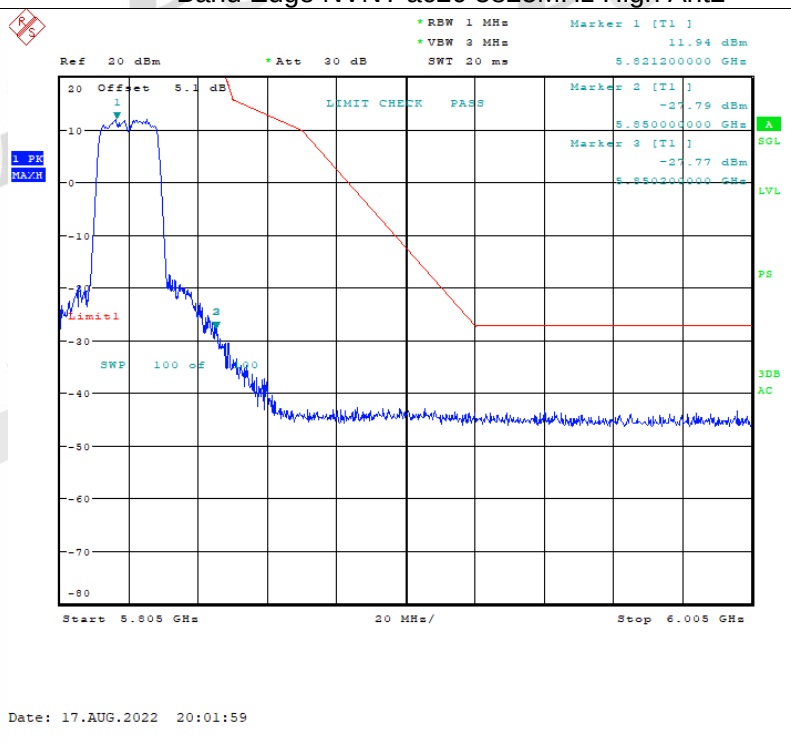
Band Edge NVNT ac20 5825MHz High Ant1



Band Edge NVNT ac20 5745MHz Low Ant2

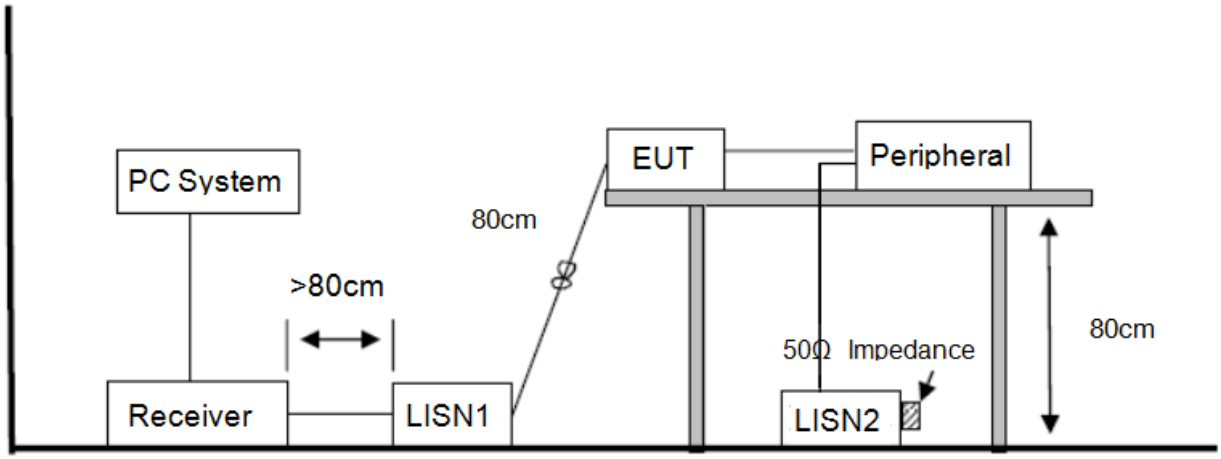


Band Edge NVNT ac20 5825MHz High Ant2



9.5. Power Line Conducted Emission

9.6. Block diagram of test setup



9.7. Power Line Conducted Emission Limits (Class B)

Frequency	Quasi-Peak Level dB(μV)	Average Level dB(μV)
150 kHz ~ 500 kHz	66 ~ 56*	56 ~ 46*
500 kHz ~ 5 MHz	56	46
5 MHz ~ 30 MHz	60	50

Note 1: * Decreasing linearly with logarithm of frequency.

Note 2: The lower limit shall apply at the transition frequencies.

9.8. Test Procedure

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80cm above the ground plane.

Configuration EUT to simulate typical usage as described in clause 2.3 and test equipment as described in clause 10.2 of this report.

All I/O cables were positioned to simulate typical actual usage as per ANSI C63.4.

All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

The test mode(s) described in clause 2.3 were scanned during the preliminary test.

After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.
EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 9 kHz.

9.9. Test Result

Not Applicable.

10. Antenna Requirements

10.1. Limit

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

10.2. Result

The device support equips two antennas, this product was dedicated FPC antennas and other than that furnished by the responsible party shall be used with the device, maximum antenna gain is 4.80 dBi for antenna 1, 3.69 dBi for antenna 2.

11. Dynamic Frequency Selection

11.1. Applicability of DFS requirements

Table 1: Applicability of DFS Requirements Prior to Use of a Channel

Requirement	Operational Mode		
	☐Master	☒Client Without Radar Detection	☐Client with Radar Detection
Non-Occupancy Period	Yes	Not required	Yes
DFS Detection Threshold	Yes	Not required	Yes
Channel Availability Check Time	Yes	Not required	Not required
U-NII Detection Bandwidth	Yes	Not required	Yes

Table 2: Applicability of DFS requirements during normal operation

Requirement	Operational Mode	
	☐Master Device or Client with Radar Detection	☒Client Without Radar Detection
DFS Detection Threshold	Yes	Not required
Channel Closing Transmission Time	Yes	Yes
Channel Move Time	Yes	Yes
U-NII Detection Bandwidth	Yes	Not required

Additional requirements for devices with multiple bandwidth modes	☐Master Device or Client with Radar Detection	☒Client Without Radar Detection
U-NII Detection Bandwidth and Statistical Performance Check	All BW modes must be tested	Not required
Channel Move Time and Channel Closing Transmission Time	Test using widest BW mode available	Test using the widest BW mode available for the link
All other tests	Any single BW mode	Not required
Note: Frequencies selected for statistical performance check should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.		

11.2. Limit

(1) DFS Detection Thresholds

Table 3: DFS Detection Thresholds for Master Devices and Client Devices with Radar Detection

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP ≥ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.	

(2) DFS Response Requirements

Table 4: DFS Response Requirement Values

Parameter	Value
Non-occupancy period	Minimum 30 minutes
Channel Availability Check Time	60 seconds
Channel Move Time	10 seconds See Note 1.
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.
Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required facilitating a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.	

11.3. Parameters of radar test waveforms

This section provides the parameters for required test waveforms, minimum percentage of successful detections, and the minimum number of trials that must be used for determining DFS conformance. Step intervals of 0.1 microsecond for Pulse Width, 1 microsecond for PRI, 1 MHz for chirp width and 1 for the number of pulses will be utilized for the random determination of specific test
waveforms.

Table 5 Short Pulse Radar Test Waveforms

Radar Type	Pulse Width (μsec)	PRI (μsec)	Number of Pulses	Minimum Percentage of Successful Detection	Minimum Number of Trials
0	1	1428	18	See Note 1	See Note 1
1	1	Test A	$\text{Roundup}\left\{\left(\frac{1}{360}\right)\cdot\left(\frac{19\cdot10^6}{\text{PRI}_{\mu\text{sec}}}\right)\right\}$	60%	30
		Test B			
2	1-5	150-230	23-29	60%	30
3	6-10	200-500	16-18	60%	30
4	11-20	200-500	12-16	60%	30
Aggregate (Radar Types 1-4)				80%	120

Note 1: Short Pulse Radar Type 0 should be used for the detection bandwidth test, channel move time, and channel closing time tests.
Test A: 15 unique PRI values randomly selected from the list of 23 PRI values in Table 5a
Test B: 15 unique PRI values randomly selected within the range of 518-3066 μsec, with a minimum increment of 1 μsec, excluding PRI values selected in Test A

A minimum of 30 unique waveforms are required for each of the Short Pulse Radar Types 2 through 4. If more than 30 waveforms are used for Short Pulse Radar Types 2 through 4, then each additional waveform must also be unique and not repeated from the previous waveforms. If more than 30 waveforms are used for Short Pulse Radar Type 1, then each additional waveform is generated with Test B and must also be unique and not repeated from the previous waveforms in Tests A or B. Test aggregate is average of the percentage of successful detections of short pulse radar types 1-4

11.4. Calibration of radar waveform

Radar Waveform Calibration Procedure:

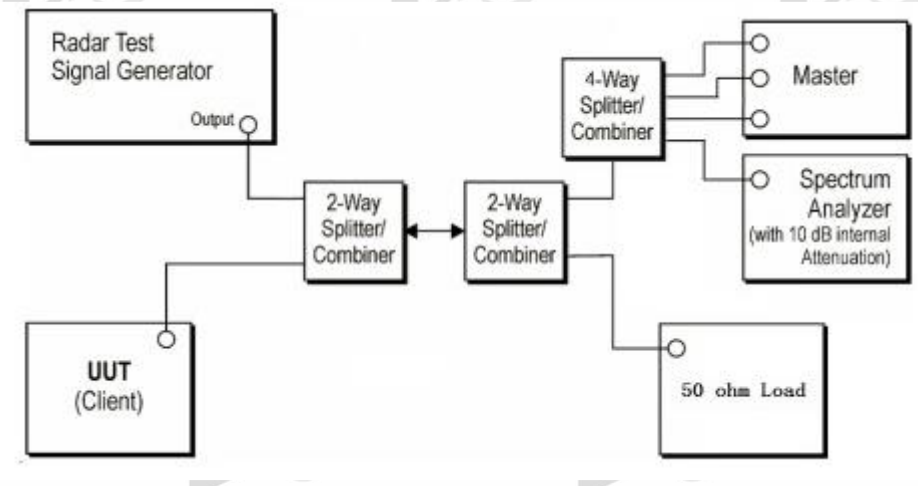
(1) A 50 ohm load is connected in place of the spectrum analyzer, and the spectrum analyzer is connected to place of the master

(2) The interference Radar Detection Threshold Level is -64dBm + 0dBi +1dB = -63dBm that had been taken into account the output power range and antenna gain.

(3) The following equipment setup was used to calibrate the conducted radar waveform. A vector signal generator was utilized to establish the test signal level for radar type 0. During this process there were no transmissions by either the master or client device. The spectrum analyzer was switched to the zero spans (time domain) at the frequency of the radar waveform generator. Peak detection was used. The spectrum analyzer resolution bandwidth (RBW) and video bandwidth (VBW) were set to 3 MHz. The spectrum analyzer had offset -1.0dB to compensate RF cable loss 1.0dB.

(4) The vector signal generator amplitude was set so that the power level measured at the spectrum analyzer was - -64dBm + 0dBi +1dB = -63dBm. Capture the spectrum analyzer plots on short pulse radar waveform.

Conducted Calibration Setup:



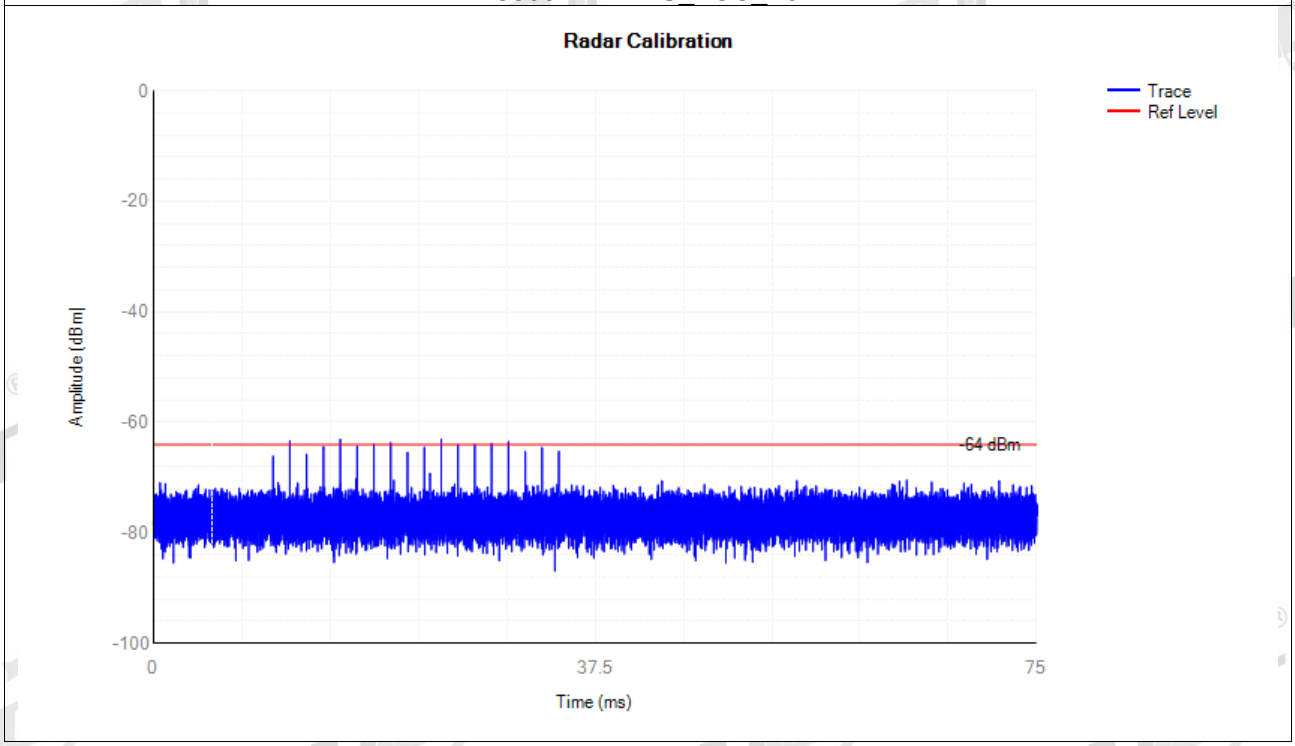
Note: 1. Use the software "Web" to set the frequency channel.

2. EUT is not support TPC and not with Radar detection.

Radar Waveform Calibration Result:

Radar Type 0

Test Graphs
5300MHz DFS_FCC_T0



11.5. Channel closing transmission time, channel move time and non-occupancy period

Block diagram of test setup Test Procedure:

(1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.

(2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -64dBm at the antenna port of the master device.

(3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.

(4) EUT will associate with the master at channel. The file “iperf.exe” specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Test Software in order to properly load the network for the entire period of the test.

(5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.

(6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.

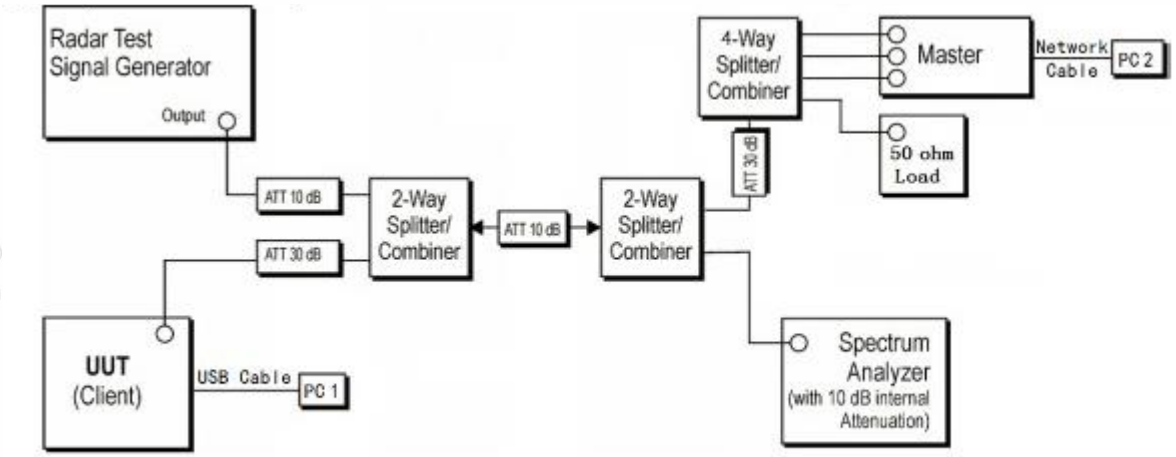
(7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the

(8) spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: Dwell (0.3ms) =S (12000ms) / B (4000); where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: C (ms)= N X Dwell (0.3ms); where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.

Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

11.6. Test setup

Setup for Client with injection at the Master



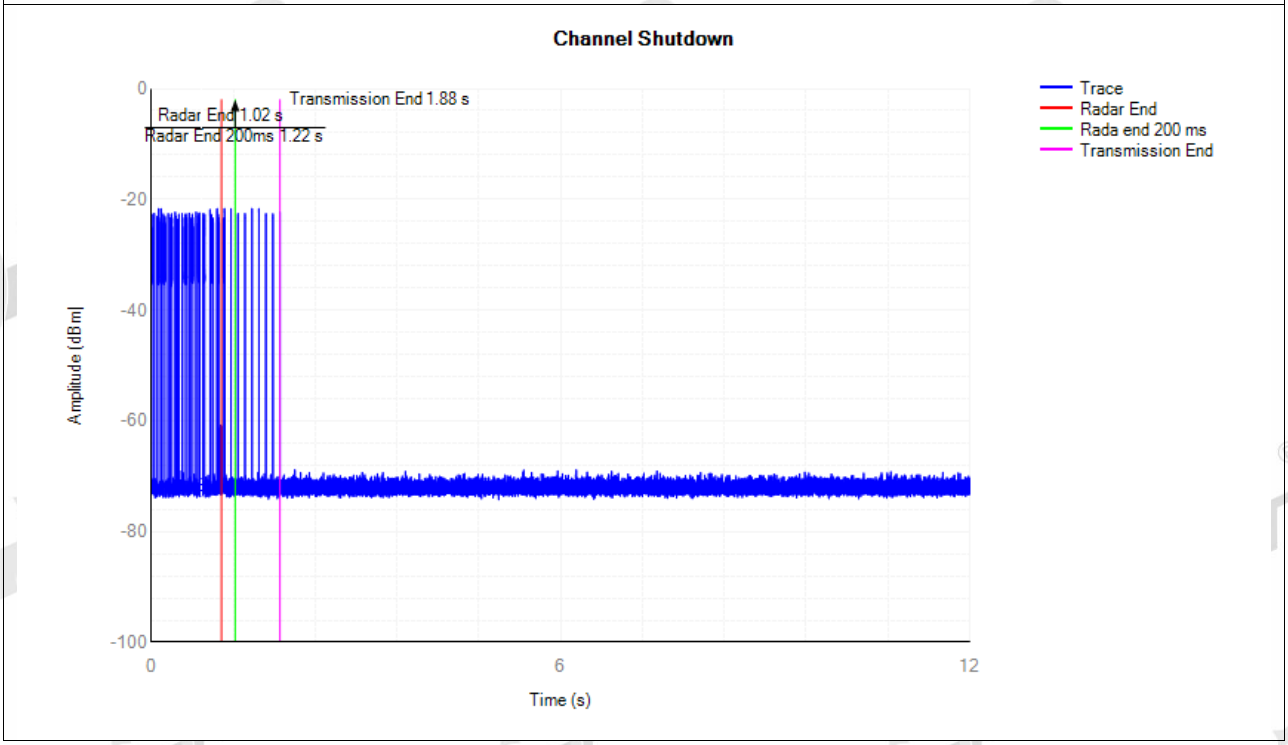
11.7. Test result

Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission on Time (s)	Limit Close Transmission on Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
5300	0.8569	10	0.03	0.26	0.0056	0.06	Pass

BW/Channel	Test Item	Test Result	Limit	Results
5300MHz	Non-Occupancy Period	>30min	30min	pass

Test plots as follows:

Test Graphs
a 5300MHz Shutdown



Test Graphs
a 5300MHz Non-Occupancy