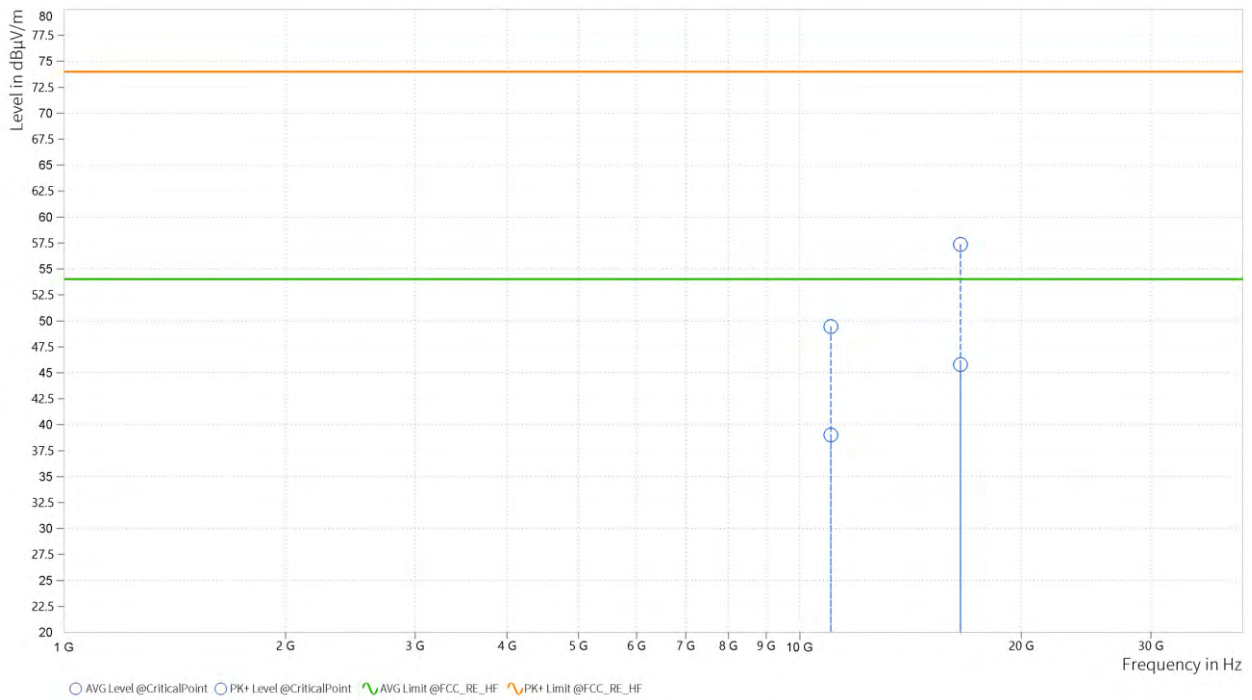




ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,019.500	49.45	74.00	24.55	39.00	54.00	15.00	6.66	V	1	2
2	16,530.500	57.37	74.00	16.63	45.78	54.00	8.22	12.73	V	267.3	2



REMARKS:

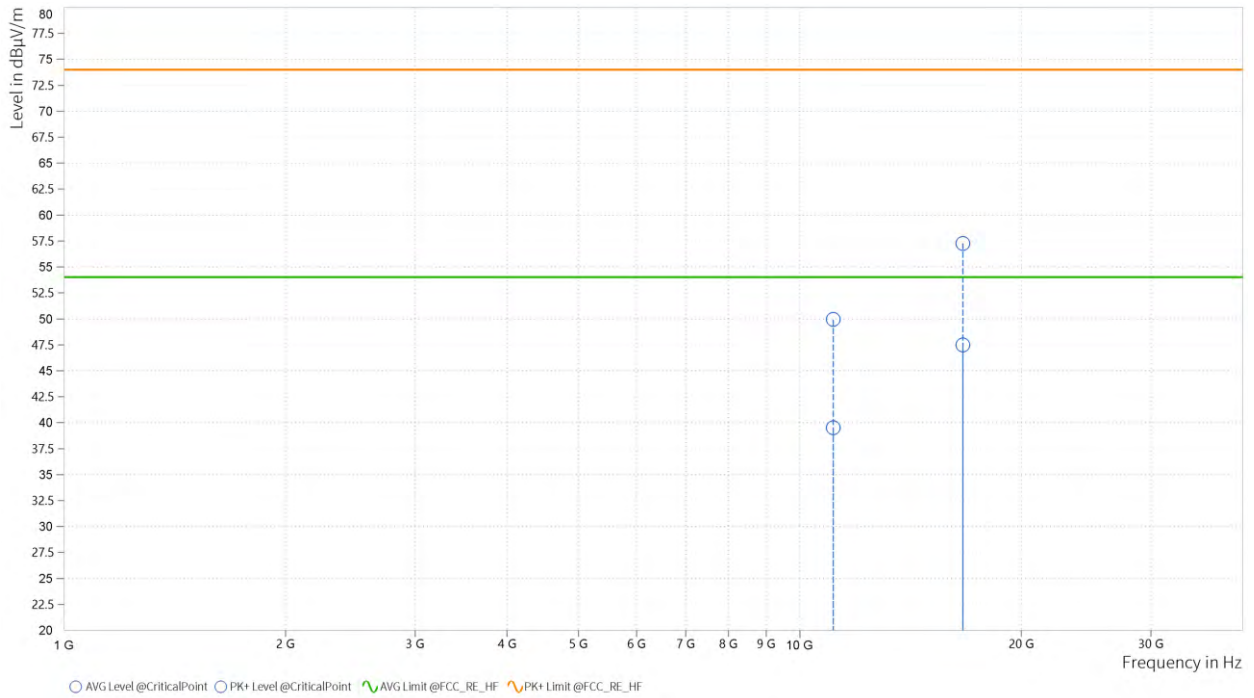
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Limit value- Emission level.
- 5510MHz: Fundamental frequency.
- #: Out of restricted band.



CHANNEL	TX Channel 110	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

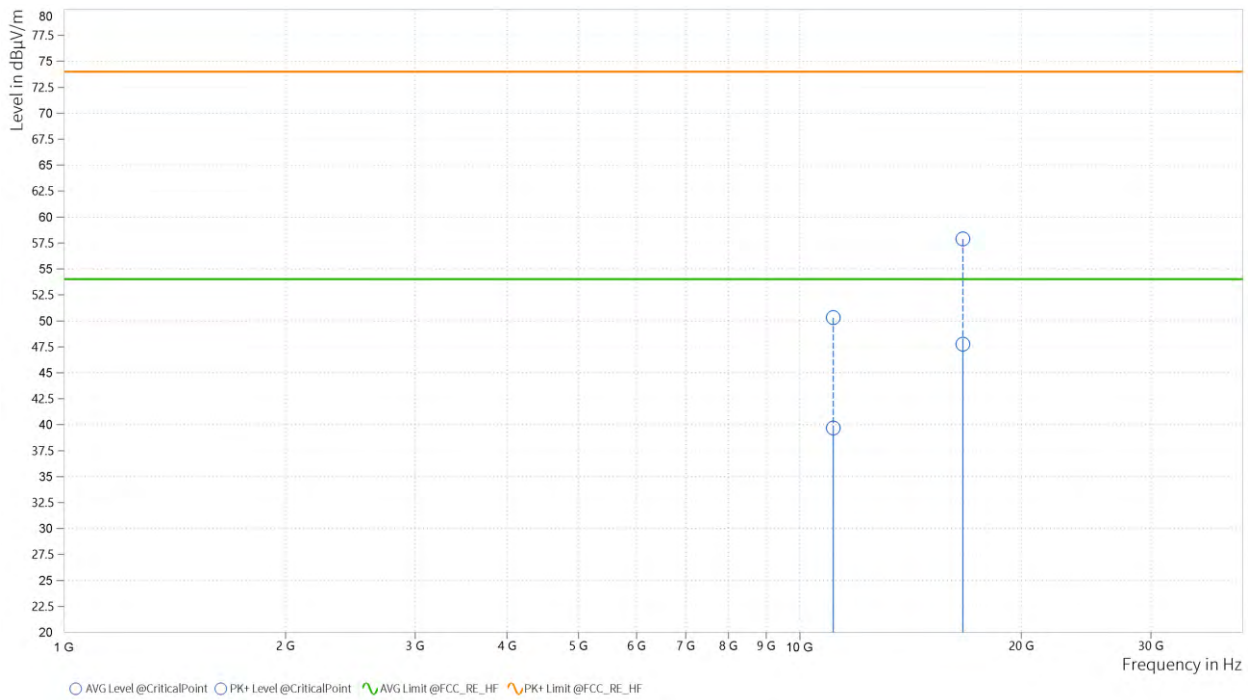
Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,100.000	49.94	74.00	24.06	39.50	54.00	14.50	6.80	H	82.1	2
2	16,650.500	57.27	74.00	16.73	47.50	54.00	6.50	13.64	H	184.6	1





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,100.000	50.31	74.00	23.69	39.67	54.00	14.33	6.80	V	281.4	1
2	16,650.000	57.89	74.00	16.11	47.75	54.00	6.25	13.64	V	78.6	2



REMARKS:

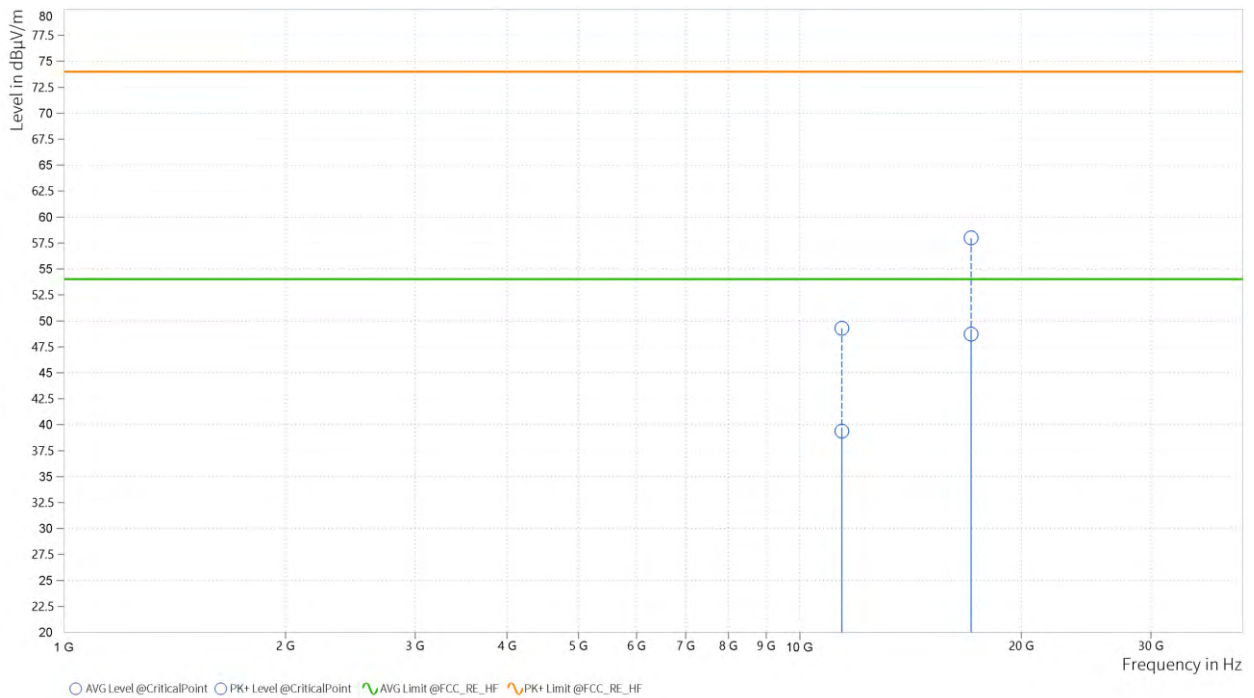
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Limit value- Emission level.
2. 5500MHz: Fundamental frequency.
3. #: Out of restricted band.



CHANNEL	TX Channel 134	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

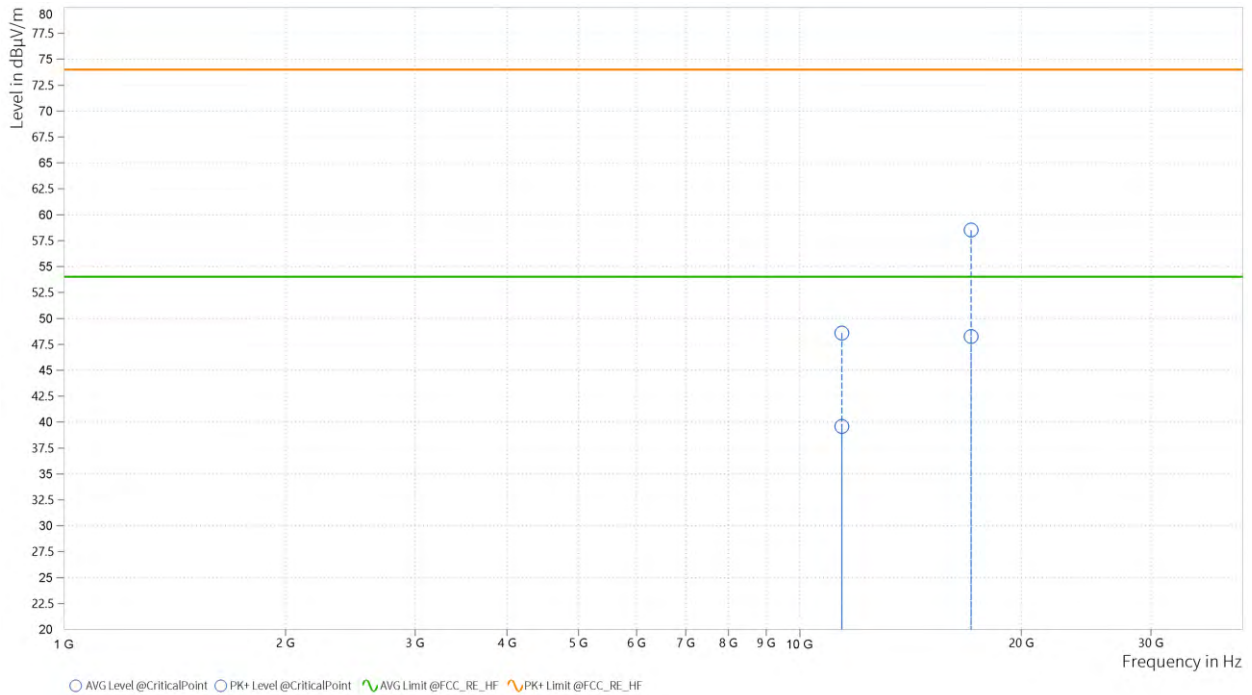
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,400.000	49.29	74.00	24.71	39.37	54.00	14.63	7.57	H	281.5	1
2	17,100.500	57.99	74.00	16.01	48.70	54.00	5.30	15.36	H	176.4	2





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,400.000	48.59	74.00	25.41	39.59	54.00	14.41	7.57	V	359.1	1
2	17,100.000	58.53	74.00	15.47	48.26	54.00	5.74	15.36	V	1	1



REMARKS:

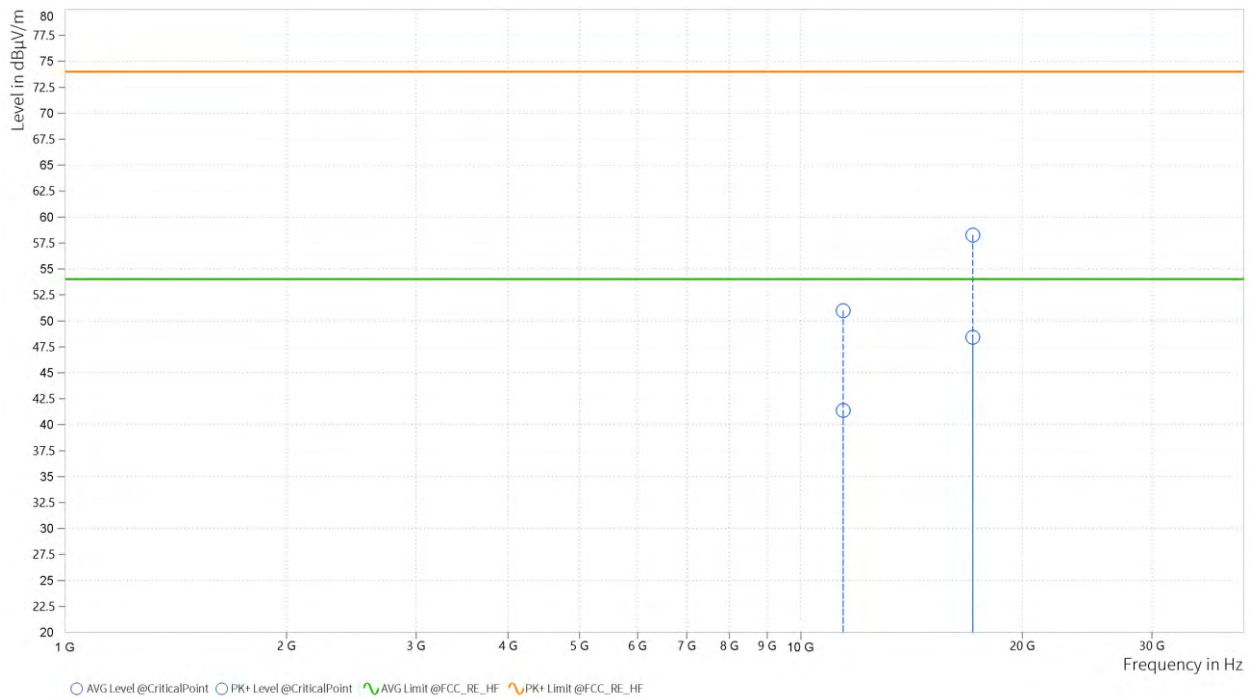
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Limit value- Emission level.
2. 5670MHz: Fundamental frequency.
3. #: Out of restricted band.



CHANNEL	TX Channel 142	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

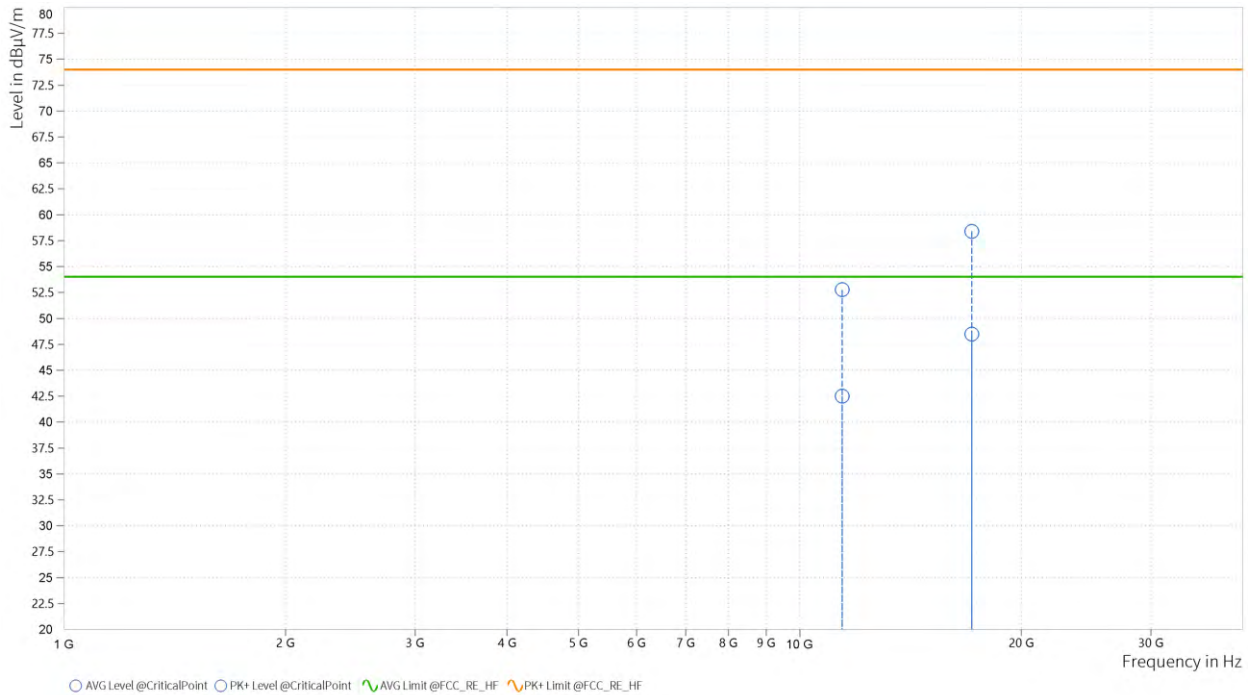
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,420.000	50.98	74.00	23.02	41.36	54.00	12.64	7.54	H	82	2
2	17,129.500	58.27	74.00	15.73	48.42	54.00	5.58	15.49	H	359	2





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,420.000	52.77	74.00	21.23	42.49	54.00	11.51	7.54	V	1	2
2	17,130.000	58.40	74.00	15.60	48.49	54.00	5.51	15.49	V	178.9	2



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Limit value- Emission level.
2. 5710MHz: Fundamental frequency.
3. #: Out of restricted band.

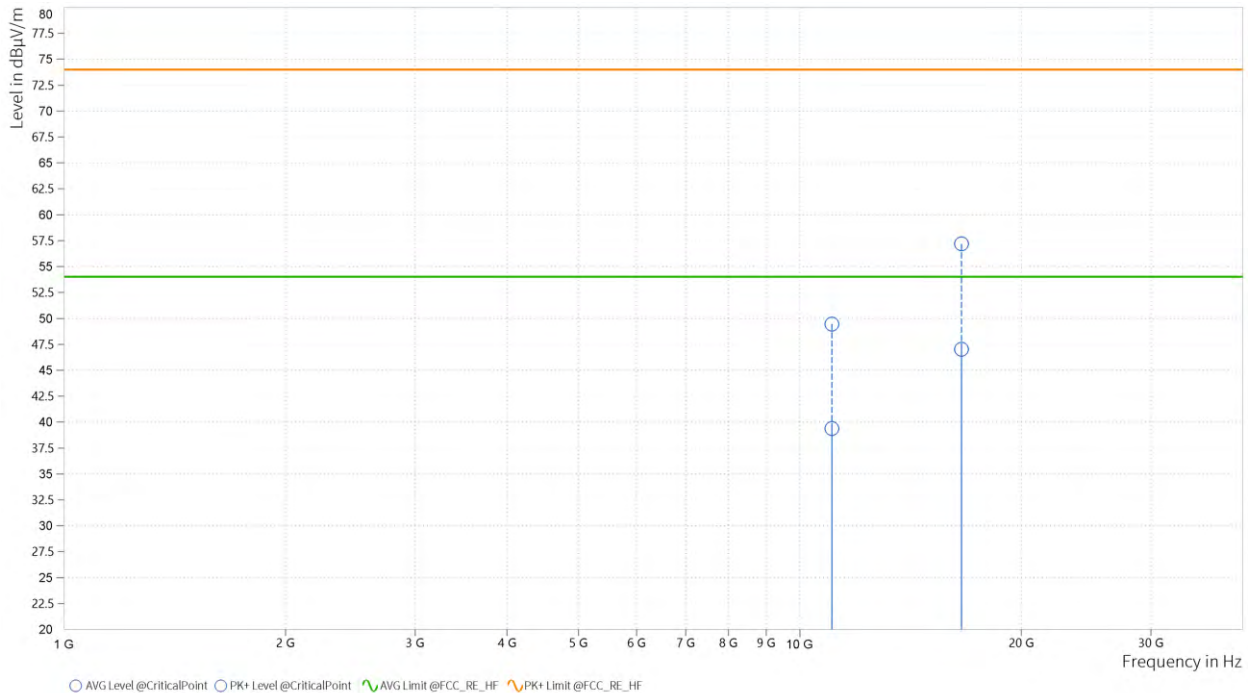


802.11ac (80MHz)

CHANNEL	TX Channel 106	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

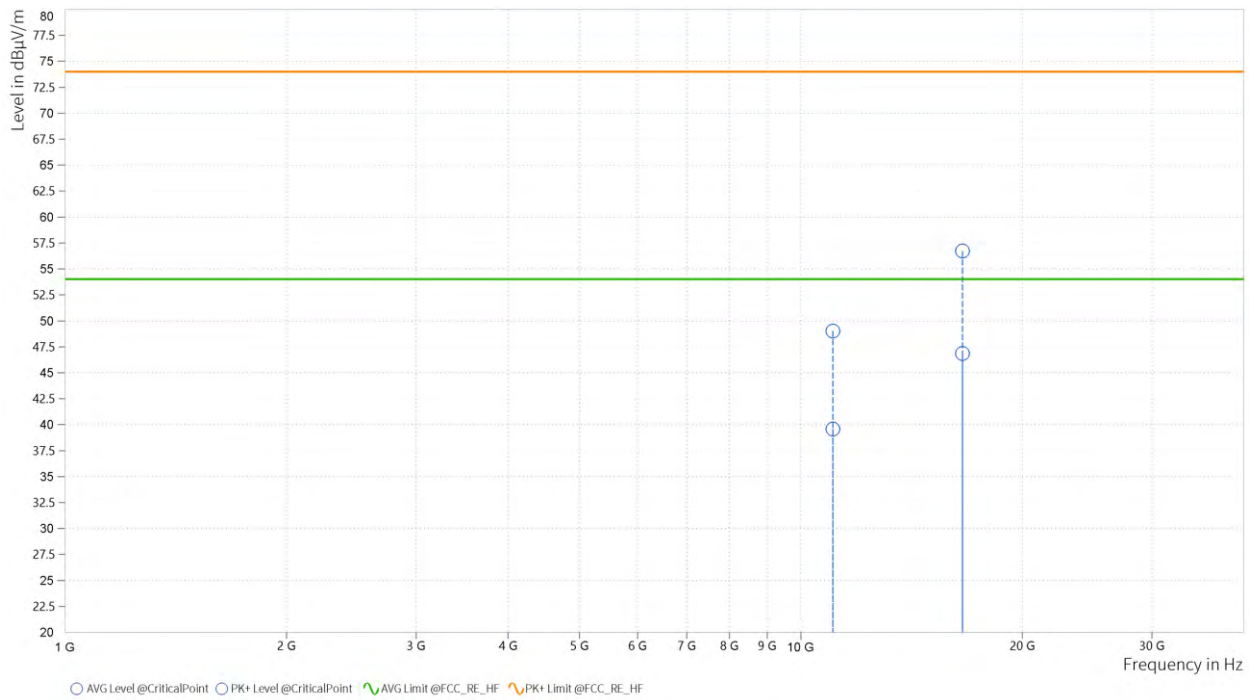
Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,060.000	49.45	74.00	24.55	39.37	54.00	14.63	6.82	H	1	1
2	16,590.000	57.20	74.00	16.80	47.03	54.00	6.97	13.12	H	2.2	2





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,060.000	49.03	74.00	24.97	39.57	54.00	14.43	6.82	V	359	2
2	16,590.000	56.72	74.00	17.28	46.86	54.00	7.14	13.12	V	72.5	1



REMARKS:

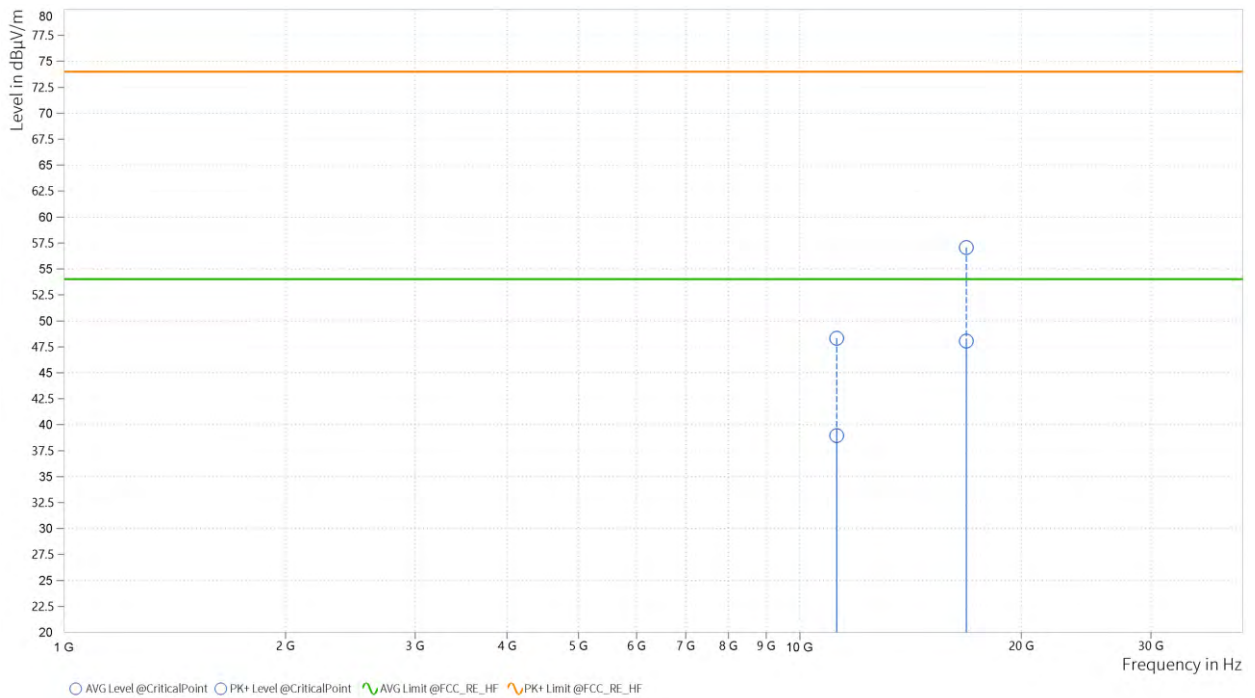
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Limit value- Emission level.
- 5530MHz: Fundamental frequency.
- #: Out of restricted band.



CHANNEL	TX Channel 122	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

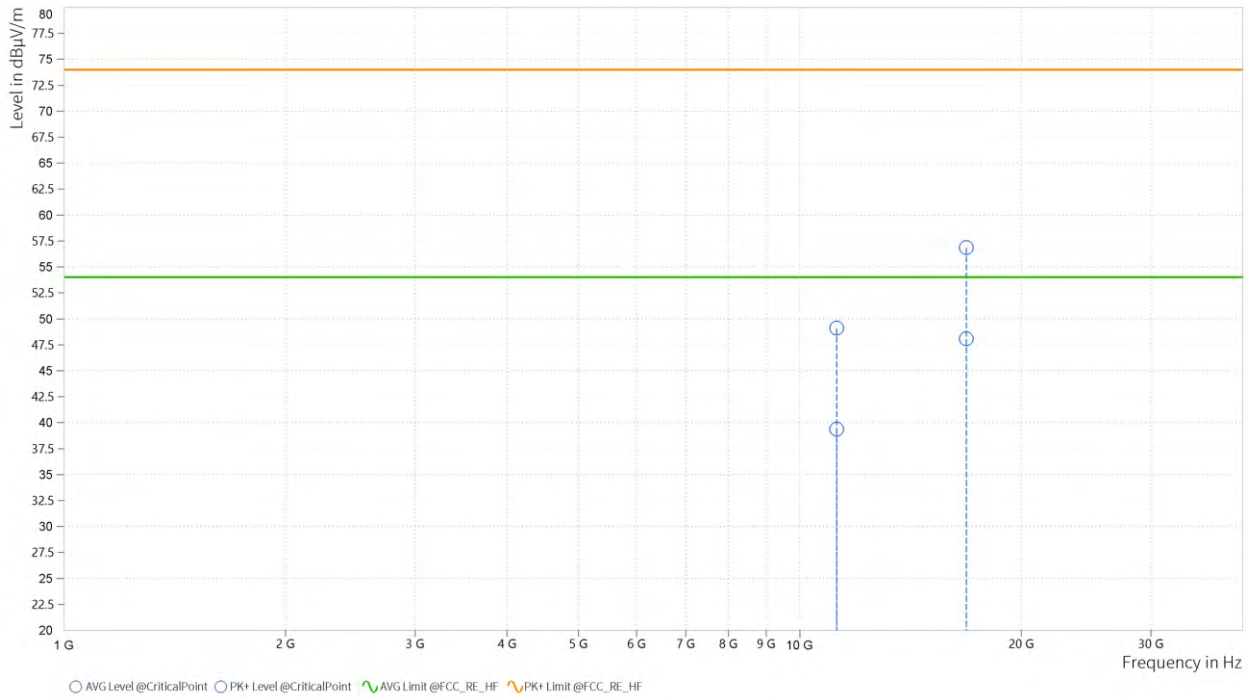
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,220.000	48.33	74.00	25.67	38.96	54.00	15.04	6.78	H	72.6	2
2	16,830.000	57.07	74.00	16.93	48.06	54.00	5.94	14.22	H	146	2





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,220.500	49.11	74.00	24.89	39.39	54.00	14.61	6.78	V	85	1
2	16,830.000	56.85	74.00	17.15	48.07	54.00	5.93	14.22	V	5.7	2



REMARKS:

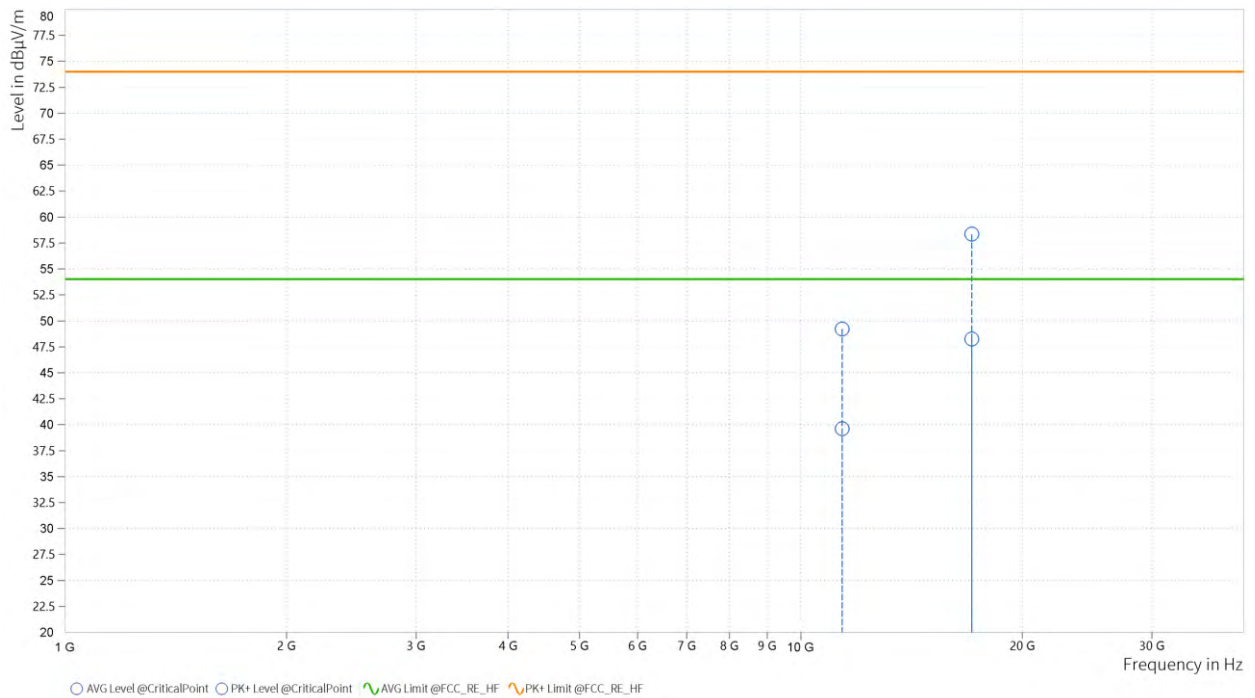
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Limit value- Emission level.
2. 5610MHz: Fundamental frequency.
3. #: Out of restricted band.



CHANNEL	TX Channel 138	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

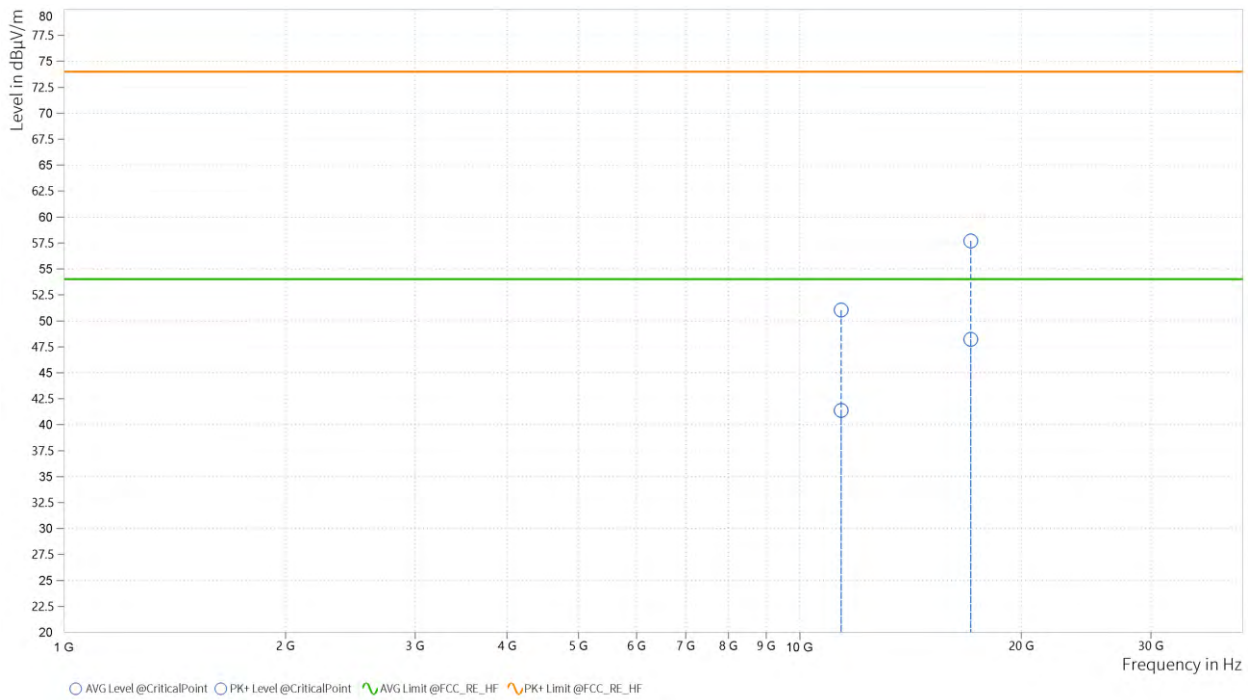
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,380.000	49.22	74.00	24.78	39.62	54.00	14.38	7.51	H	0.9	2
2	17,070.000	58.36	74.00	15.64	48.24	54.00	5.76	15.14	H	359	2





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,380.000	51.04	74.00	22.96	41.36	54.00	12.64	7.51	V	358.7	1
2	17,070.000	57.70	74.00	16.30	48.24	54.00	5.76	15.14	V	287.6	2



REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Limit value- Emission level.
- 5690MHz: Fundamental frequency.
- #: Out of restricted band.



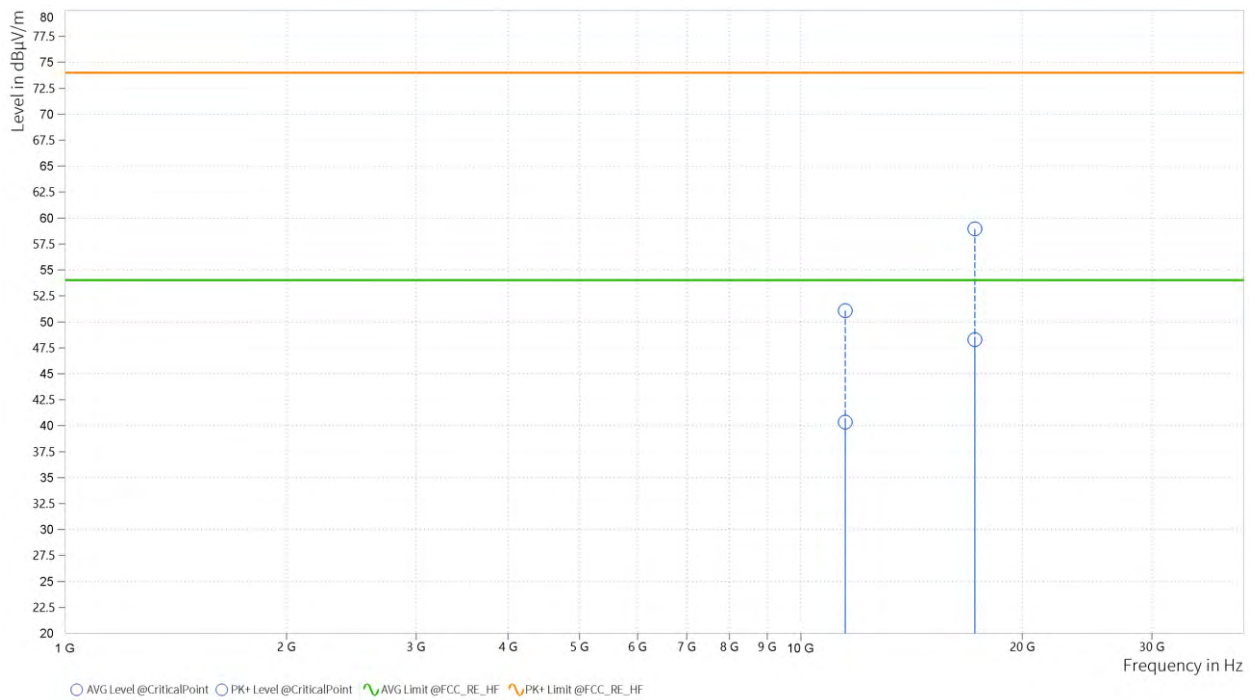
Band 4:

802.11a

CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

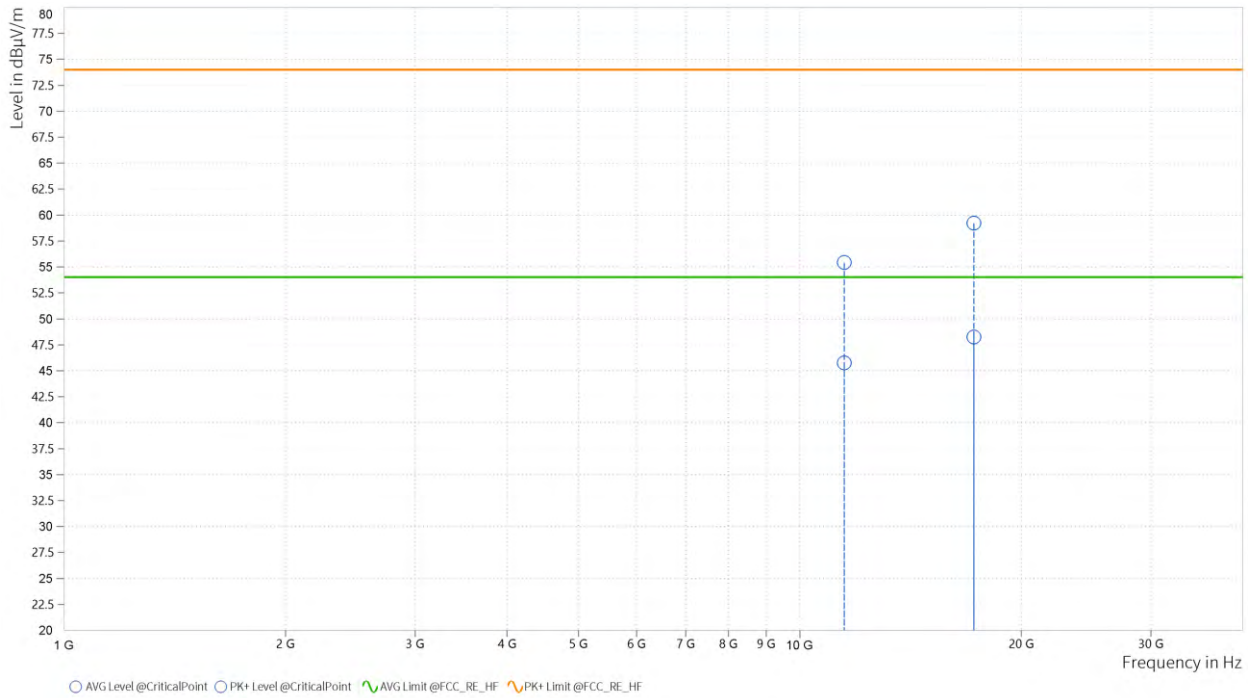
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,490.500	51.08	74.00	22.92	40.35	54.00	13.65	7.42	H	0.9	2
2	17,235.000	58.96	74.00	15.04	48.29	54.00	5.71	15.53	H	289.4	1





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,490.500	55.42	74.00	18.58	45.77	54.00	8.23	7.42	V	1	1
2	17,235.000	59.21	74.00	14.79	48.27	54.00	5.73	15.53	V	5.7	2



REMARKS:

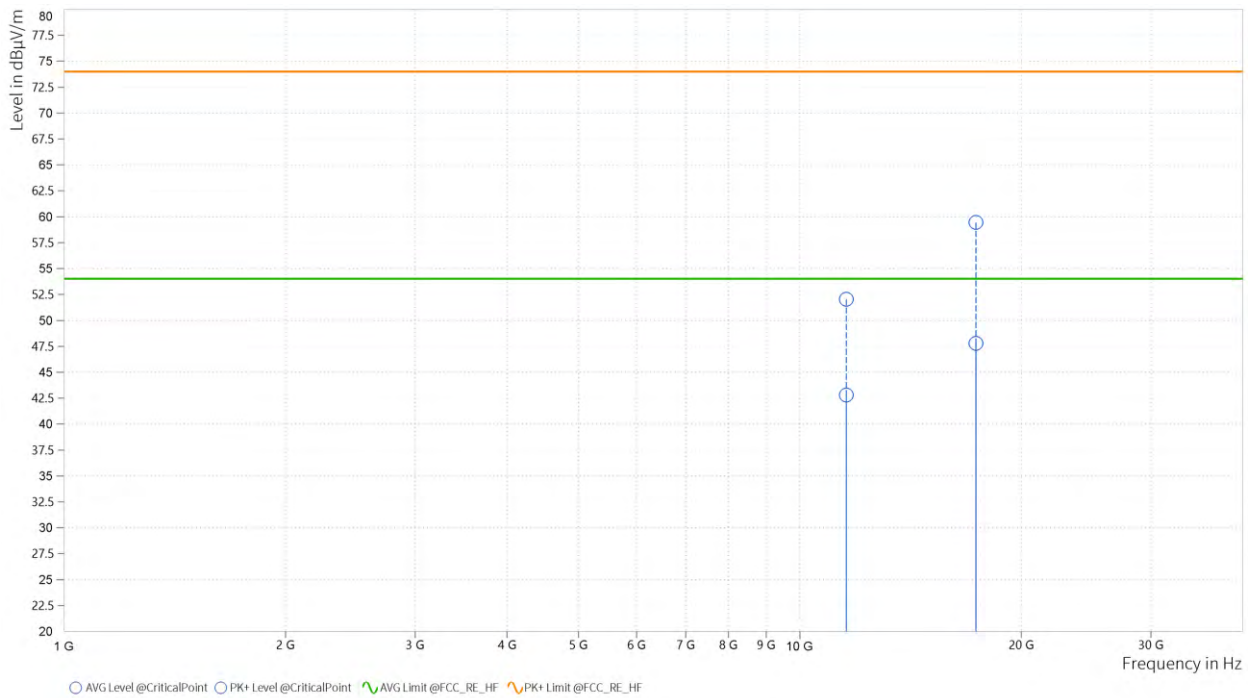
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Limit value- Emission level.
- 5745MHz: Fundamental frequency.



CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

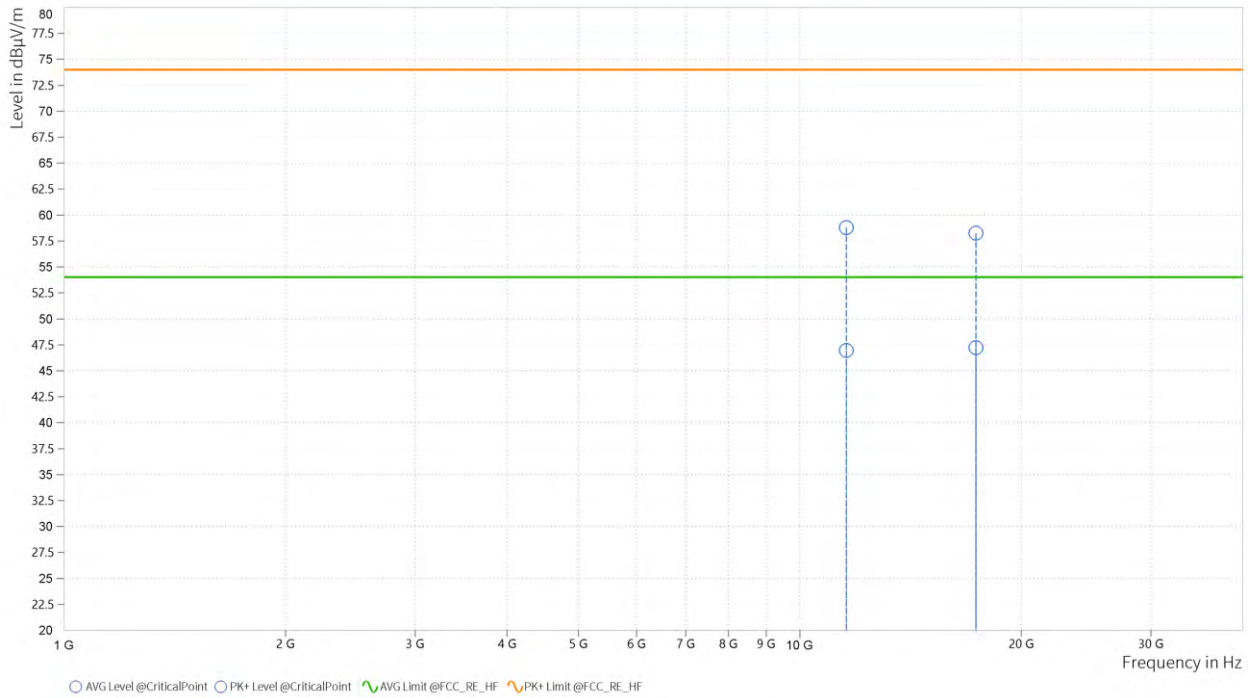
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,570.000	52.06	74.00	21.94	42.80	54.00	11.20	7.06	H	332.3	1
2	17,355.000	59.46	74.00	14.54	47.80	54.00	6.20	14.85	H	359	2





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,569.000	58.80	74.00	15.20	46.96	54.00	7.04	7.07	V	359	1
2	17,355.000	58.24	74.00	15.76	47.22	54.00	6.78	14.85	V	217.6	2



REMARKS:

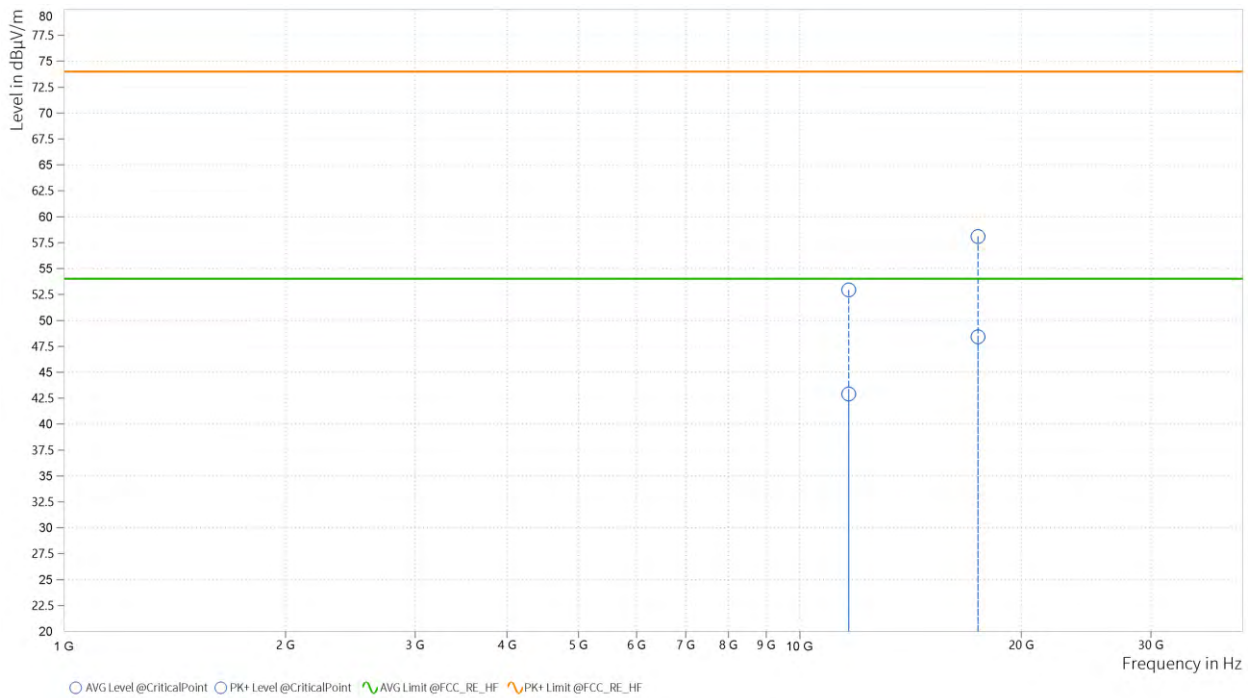
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Limit value- Emission level.
- 5785MHz: Fundamental frequency.



CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

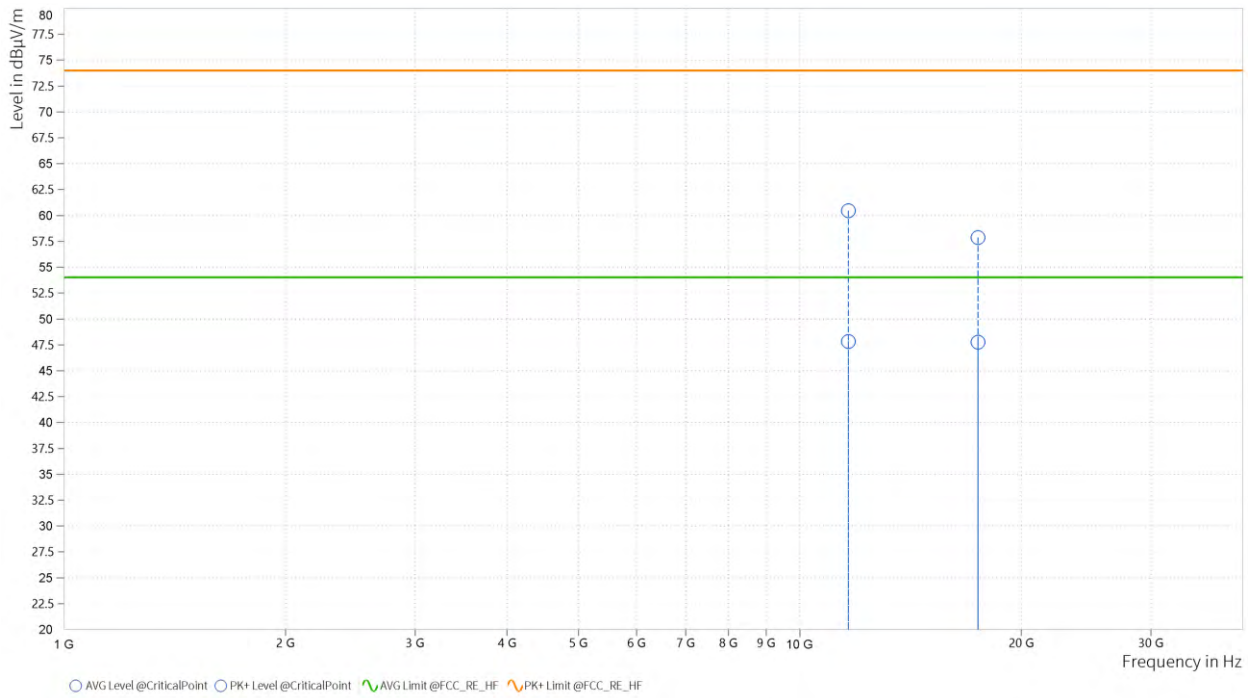
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,649.500	52.95	74.00	21.05	42.90	54.00	11.10	6.83	H	244.5	1
2	17,475.000	58.10	74.00	15.90	48.43	54.00	5.57	14.97	H	1	2





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,646.000	60.47	74.00	13.53	47.84	54.00	6.16	6.83	V	359.1	1
2	17,474.500	57.87	74.00	16.13	47.75	54.00	6.25	14.97	V	146	2



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Limit value- Emission level.
2. 5825MHz: Fundamental frequency.

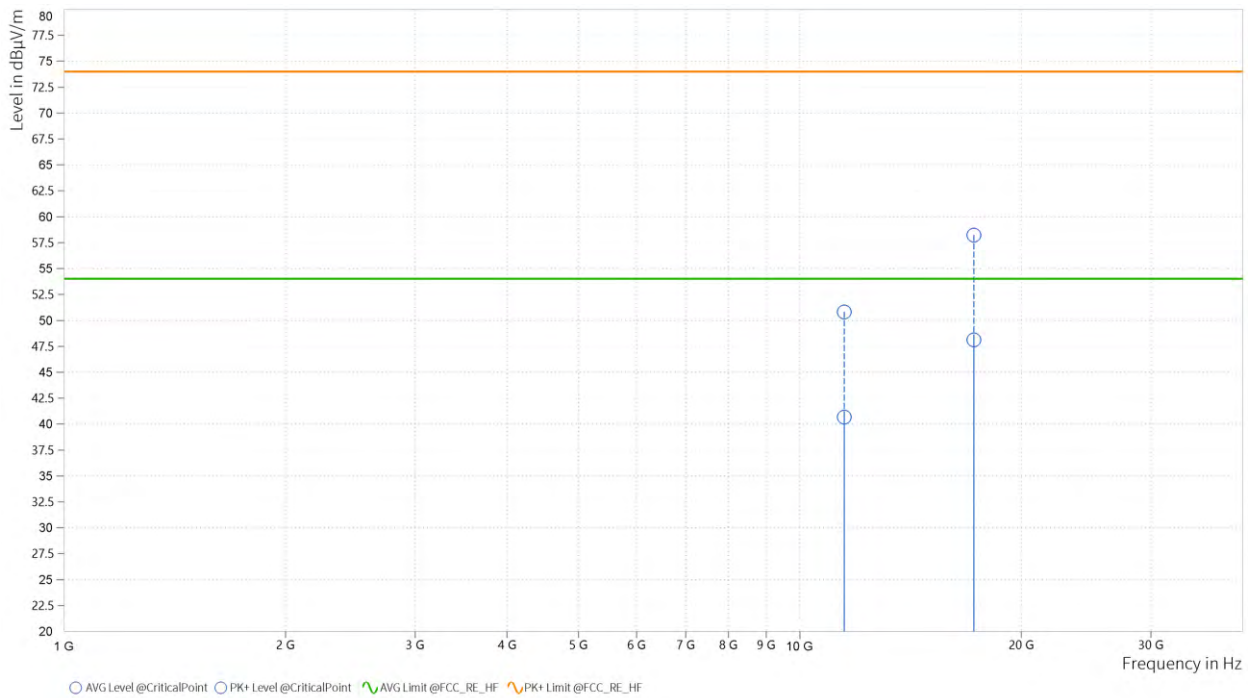


802.11n (20MHz)

CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

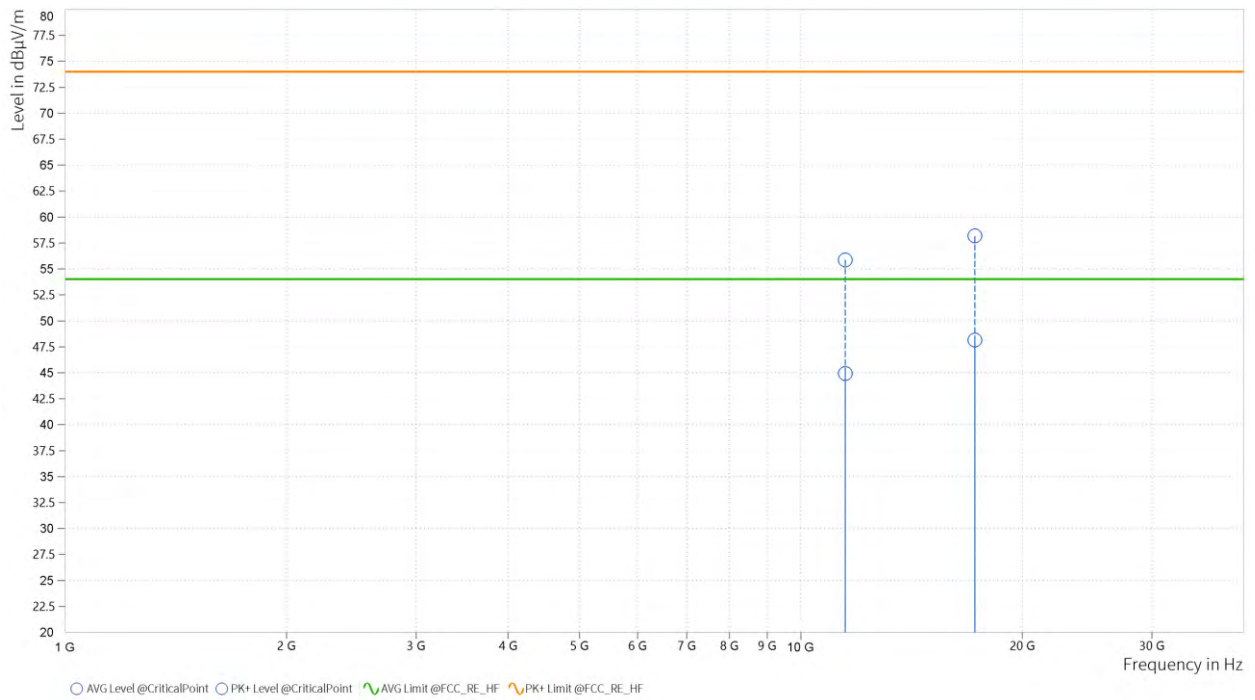
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,490.000	50.82	74.00	23.18	40.68	54.00	13.32	7.42	H	5.8	2
2	17,235.000	58.23	74.00	15.77	48.14	54.00	5.86	15.53	H	5.8	2





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,487.000	55.88	74.00	18.12	44.91	54.00	9.09	7.42	V	359	1
2	17,235.000	58.18	74.00	15.82	48.16	54.00	5.84	15.53	V	358.1	1



REMARKS:

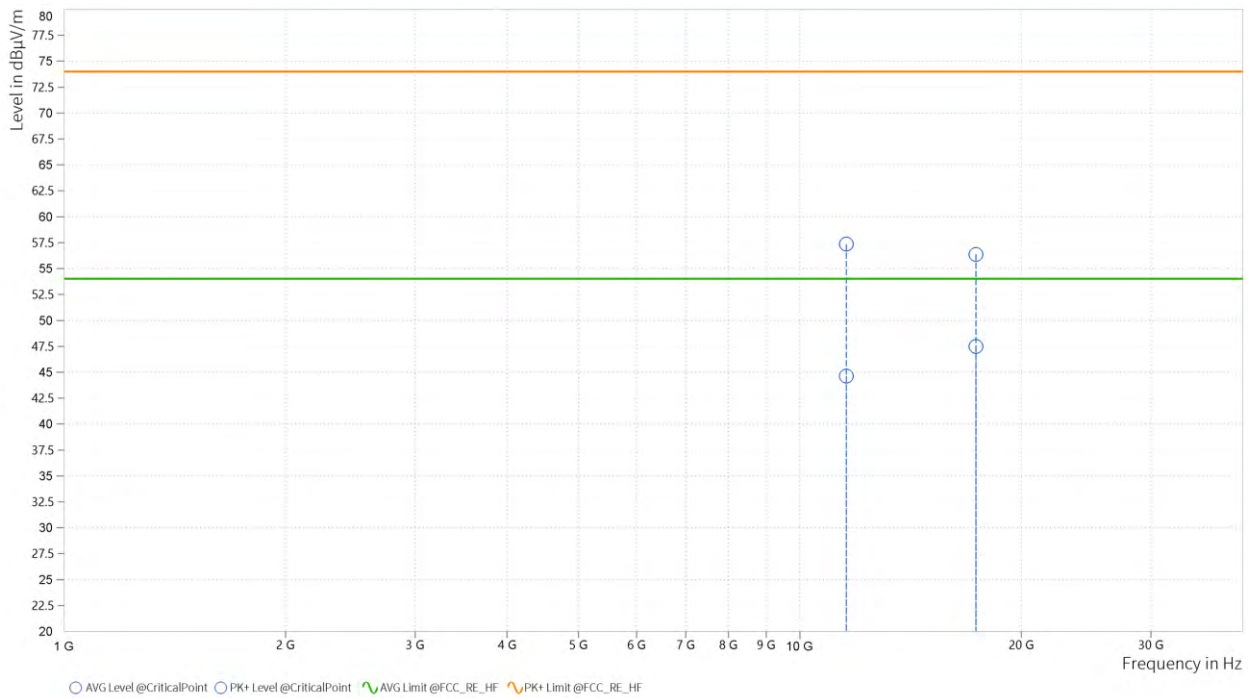
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Limit value- Emission level.
- 5745MHz: Fundamental frequency.



CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

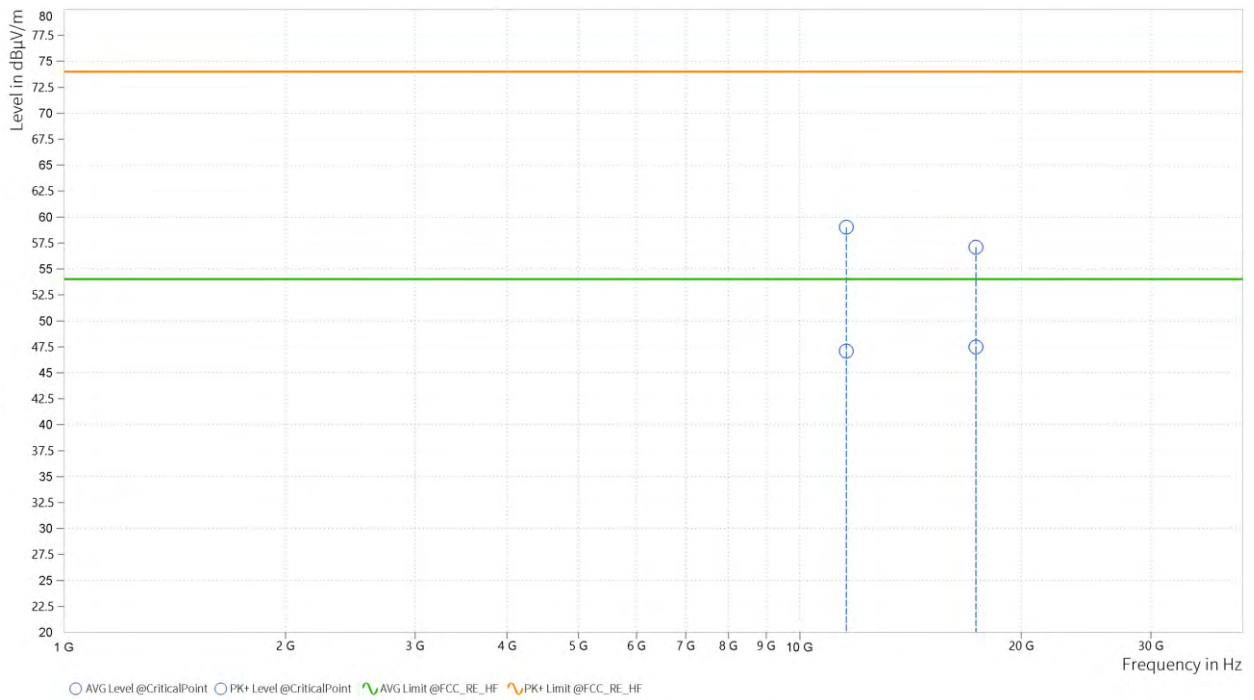
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,571.000	57.35	74.00	16.65	44.63	54.00	9.37	7.06	H	313.4	1
2	17,355.000	56.38	74.00	17.62	47.49	54.00	6.51	14.85	H	359	2





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBµV/m]	PK+ Limit [dBµV/m]	PK+ Margin [dB]	AVG Level [dBµV/m]	AVG Limit [dBµV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,571.000	59.01	74.00	14.99	47.08	54.00	6.92	7.06	V	359.1	1
2	17,354.500	57.11	74.00	16.89	47.50	54.00	6.50	14.86	V	5	2



REMARKS:

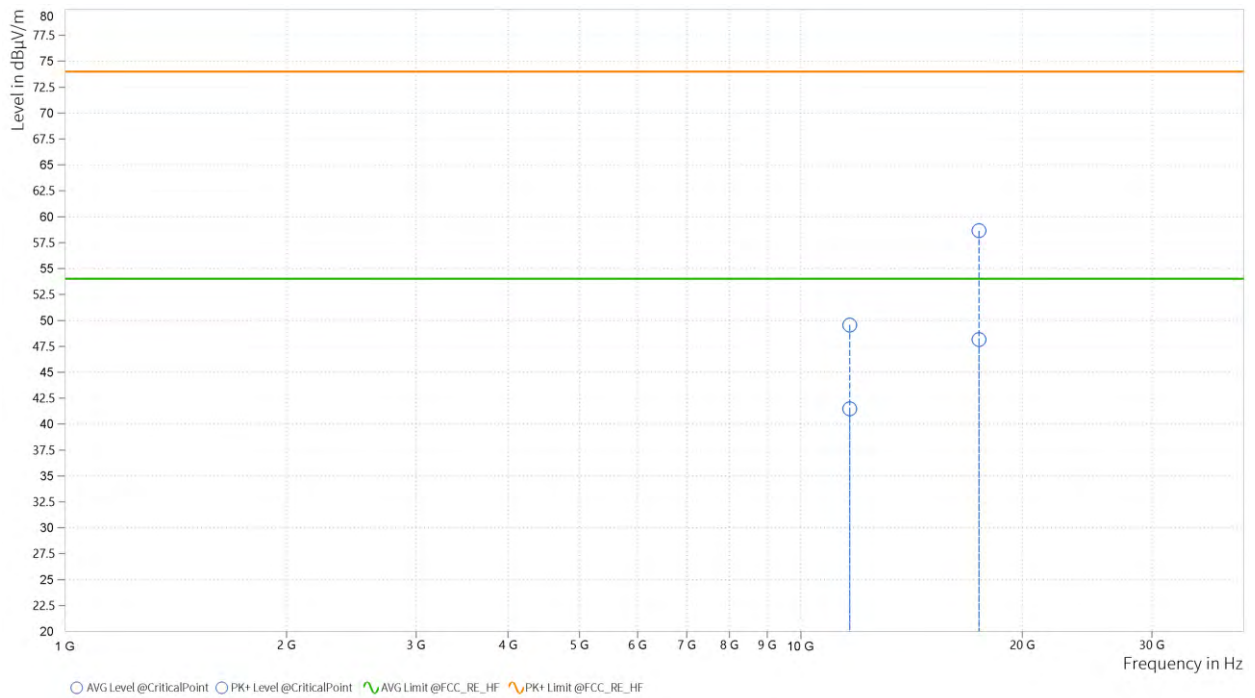
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Limit value- Emission level.
2. 5785MHz: Fundamental frequency.



CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

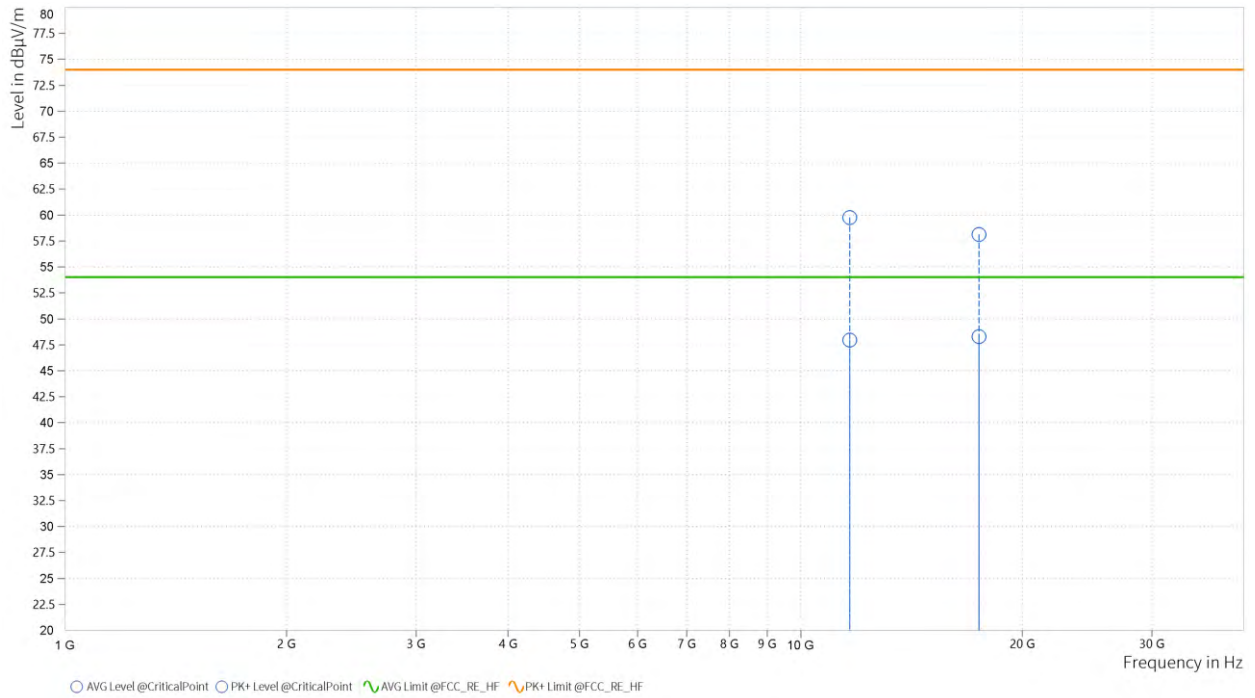
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,650.000	49.55	74.00	24.45	41.47	54.00	12.53	6.83	H	359.1	1
2	17,475.000	58.66	74.00	15.34	48.16	54.00	5.84	14.97	H	144.2	2





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,649.000	59.76	74.00	14.24	47.96	54.00	6.04	6.83	V	359.1	1
2	17,475.000	58.13	74.00	15.87	48.28	54.00	5.72	14.97	V	1	2



REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Limit value- Emission level.
- 5825MHz: Fundamental frequency.

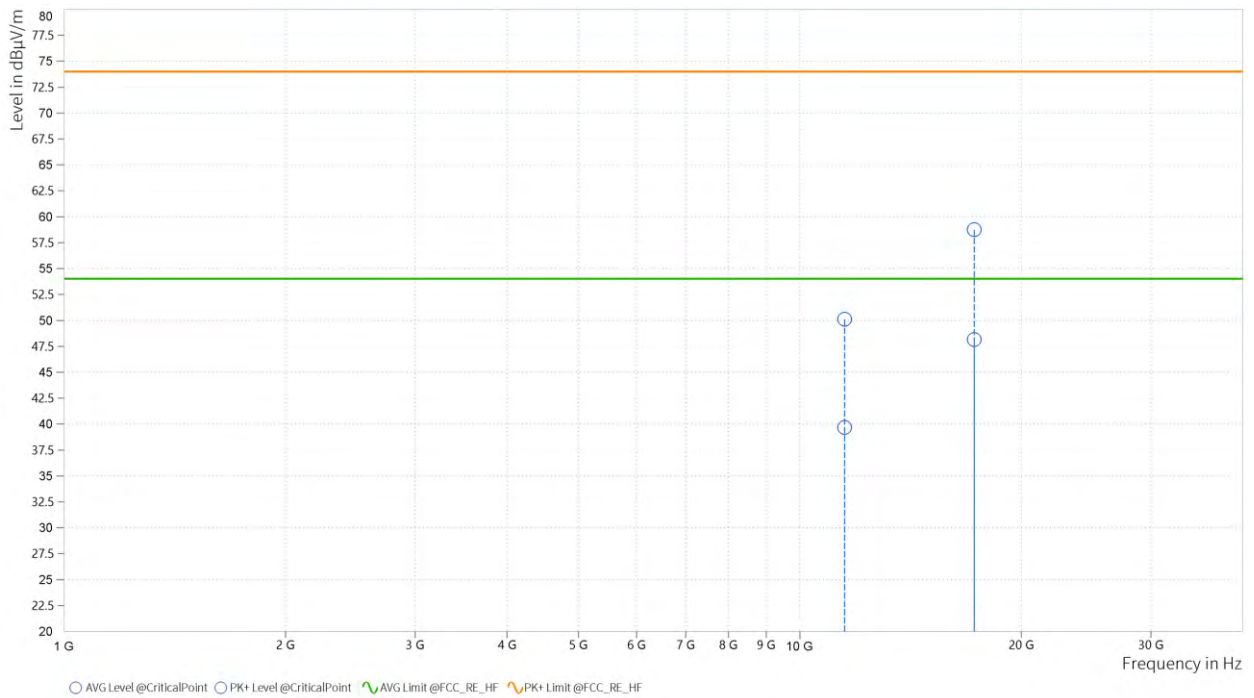


802.11n (40MHz)

CHANNEL	TX Channel 151	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

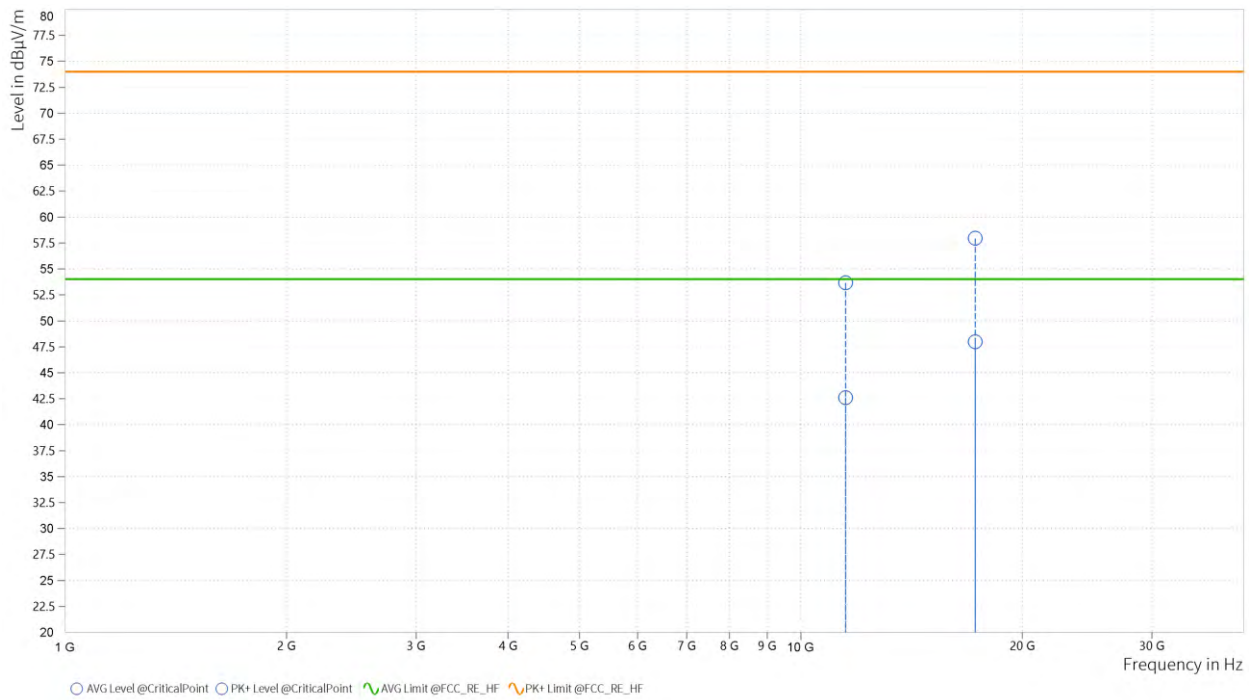
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,510.000	50.10	74.00	23.90	39.68	54.00	14.32	7.36	H	359	2
2	17,265.000	58.74	74.00	15.26	48.15	54.00	5.85	15.40	H	68.9	2





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,510.000	53.67	74.00	20.33	42.62	54.00	11.38	7.36	V	1	1
2	17,265.000	57.95	74.00	16.05	47.98	54.00	6.02	15.40	V	219.4	1



REMARKS:

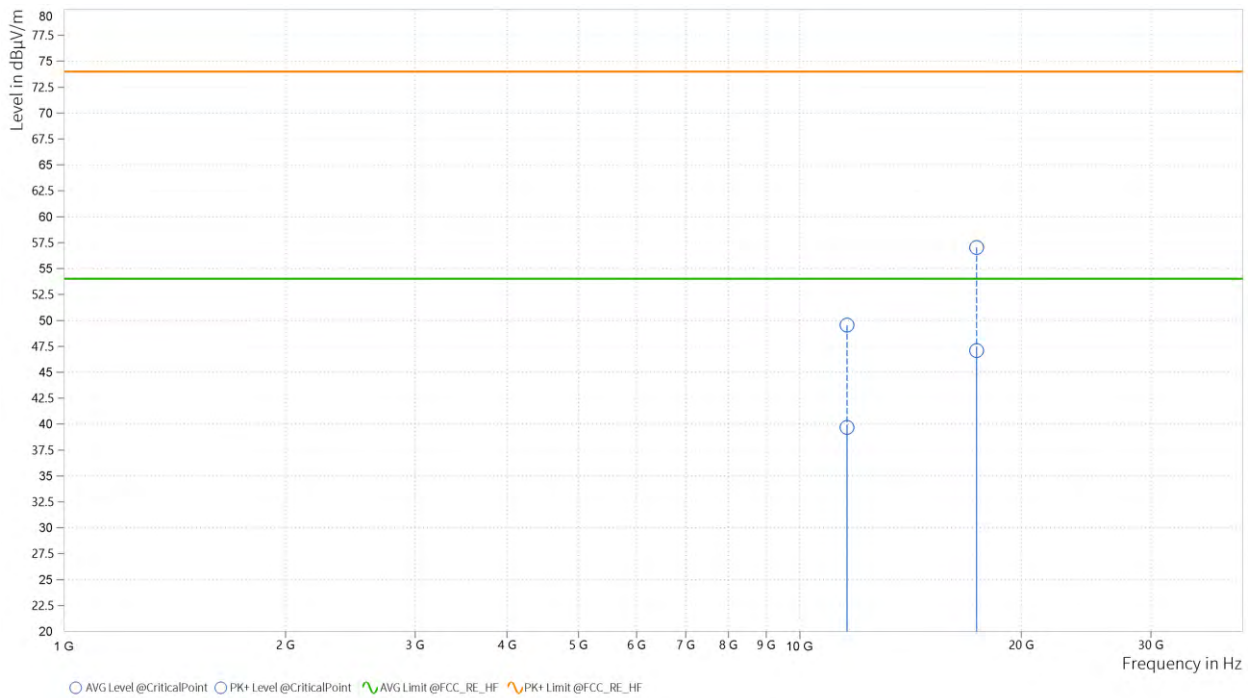
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Limit value- Emission level.
- 5755MHz: Fundamental frequency.



CHANNEL	TX Channel 159	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

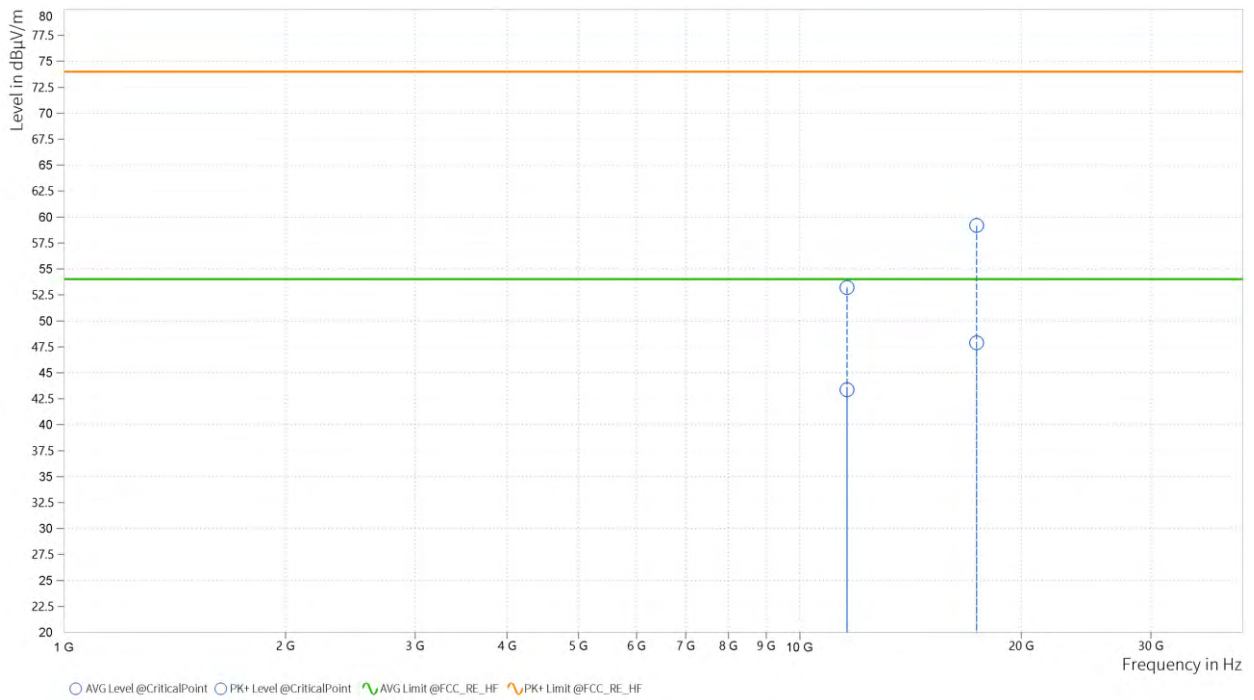
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,590.000	49.54	74.00	24.46	39.67	54.00	14.33	6.96	H	0.9	2
2	17,385.000	57.04	74.00	16.96	47.09	54.00	6.91	14.64	H	359	2





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,589.000	53.22	74.00	20.78	43.37	54.00	10.63	6.97	V	358.1	1
2	17,385.500	59.18	74.00	14.82	47.90	54.00	6.10	14.63	V	145	2



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Limit value- Emission level.
2. 5795MHz: Fundamental frequency.

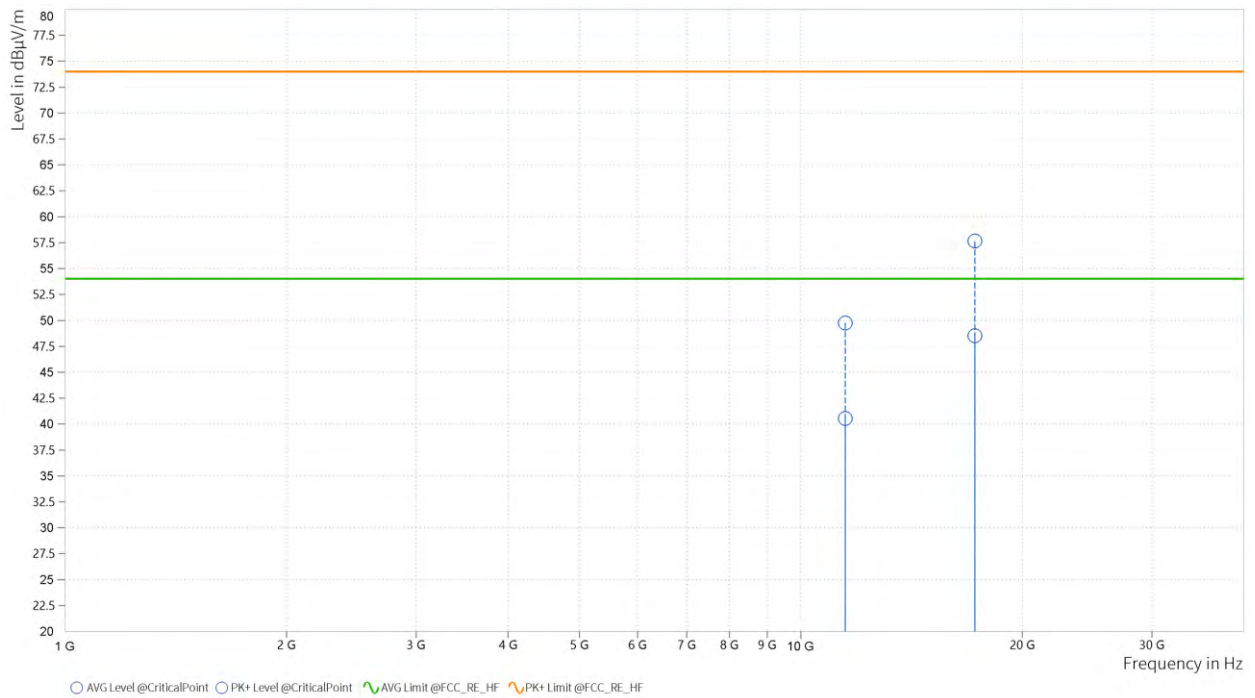


802.11ac (20MHz)

CHANNEL	TX Channel 149	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

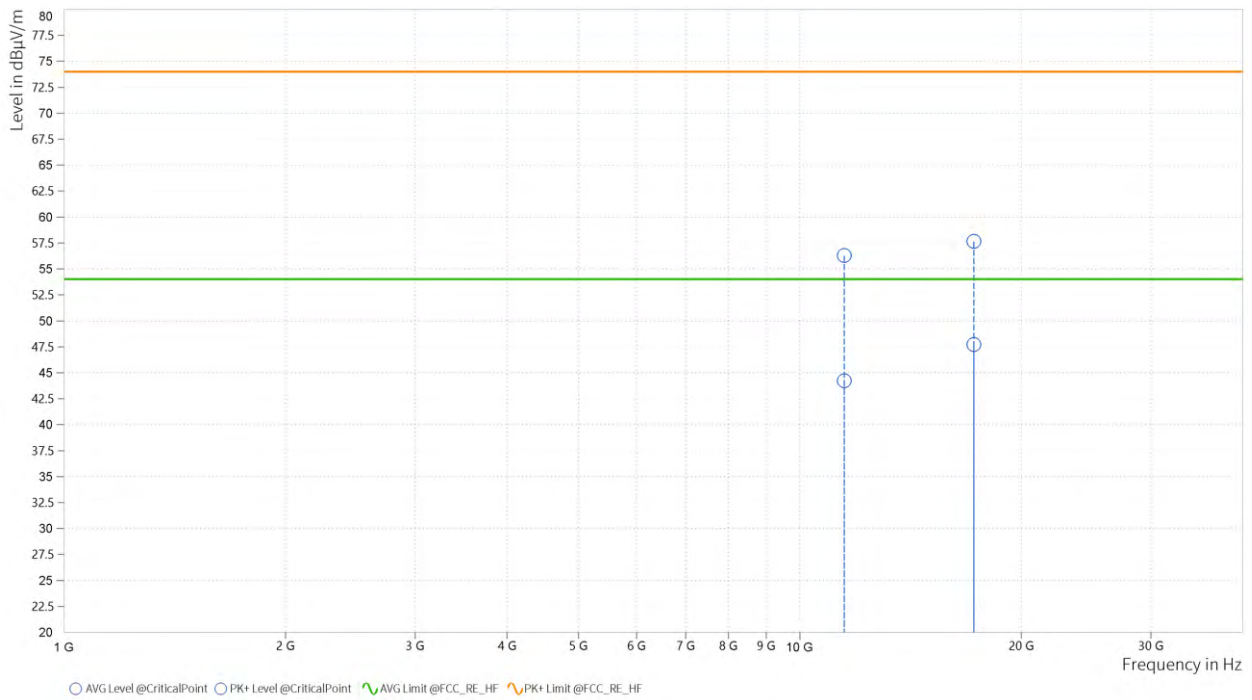
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,490.000	49.77	74.00	24.23	40.55	54.00	13.45	7.42	H	359	2
2	17,235.000	57.65	74.00	16.35	48.51	54.00	5.49	15.53	H	1	2





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,492.000	56.29	74.00	17.71	44.23	54.00	9.77	7.41	V	1	1
2	17,235.000	57.66	74.00	16.34	47.72	54.00	6.28	15.53	V	358.4	1



REMARKS:

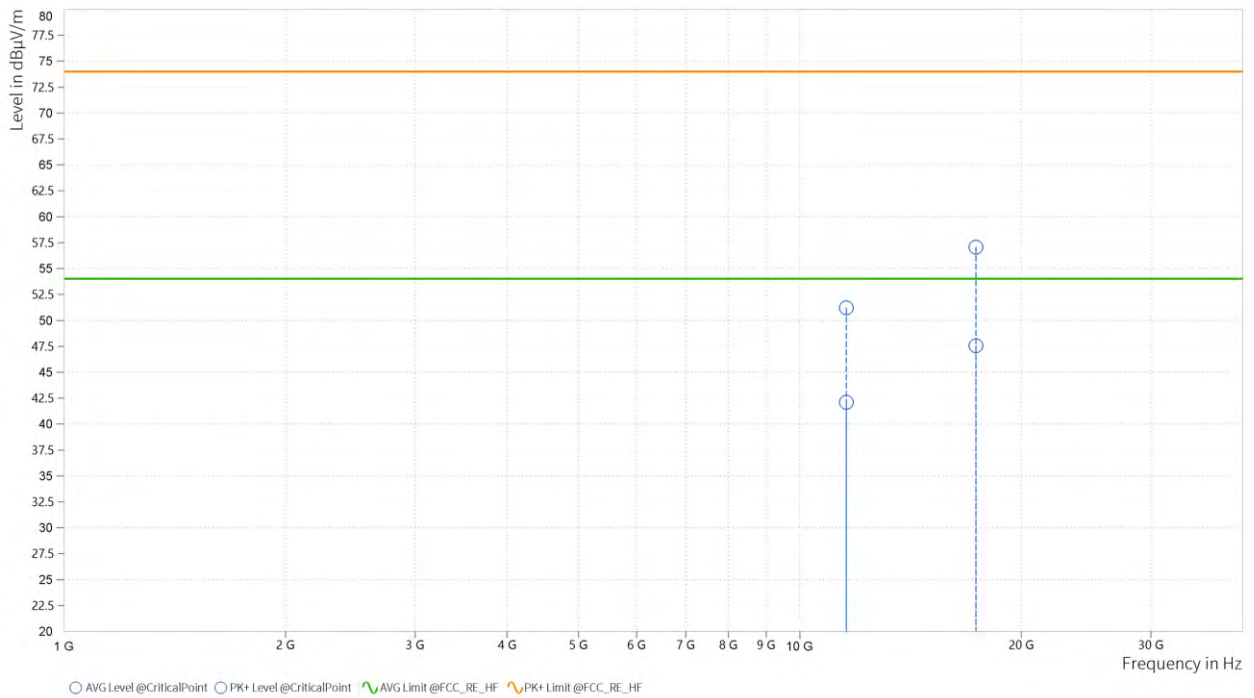
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Limit value- Emission level.
- 5745MHz: Fundamental frequency.



CHANNEL	TX Channel 157	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

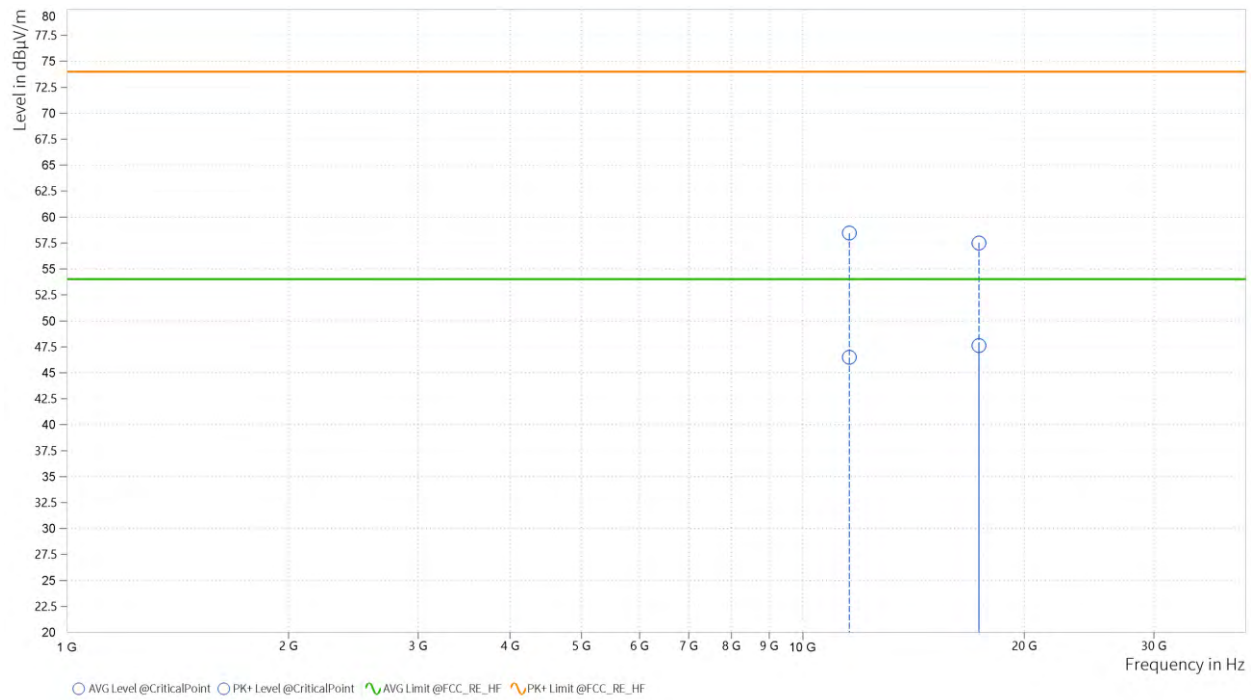
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,570.000	51.20	74.00	22.80	42.12	54.00	11.88	7.06	H	336.6	1
2	17,355.000	57.07	74.00	16.93	47.57	54.00	6.43	14.85	H	238.2	1





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,567.500	58.45	74.00	15.55	46.49	54.00	7.51	7.07	V	359	1
2	17,355.000	57.51	74.00	16.49	47.64	54.00	6.36	14.85	V	287.5	2



REMARKS:

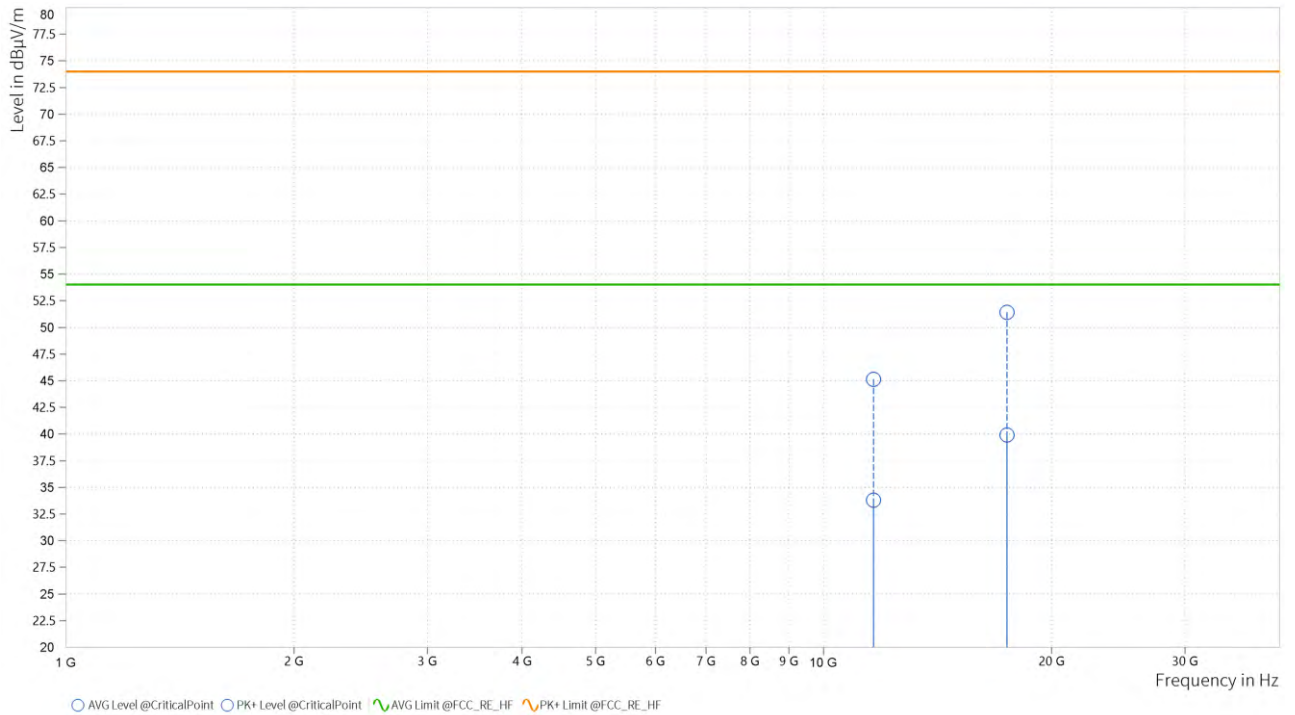
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Limit value- Emission level.
- 5785MHz: Fundamental frequency.



CHANNEL	TX Channel 165	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

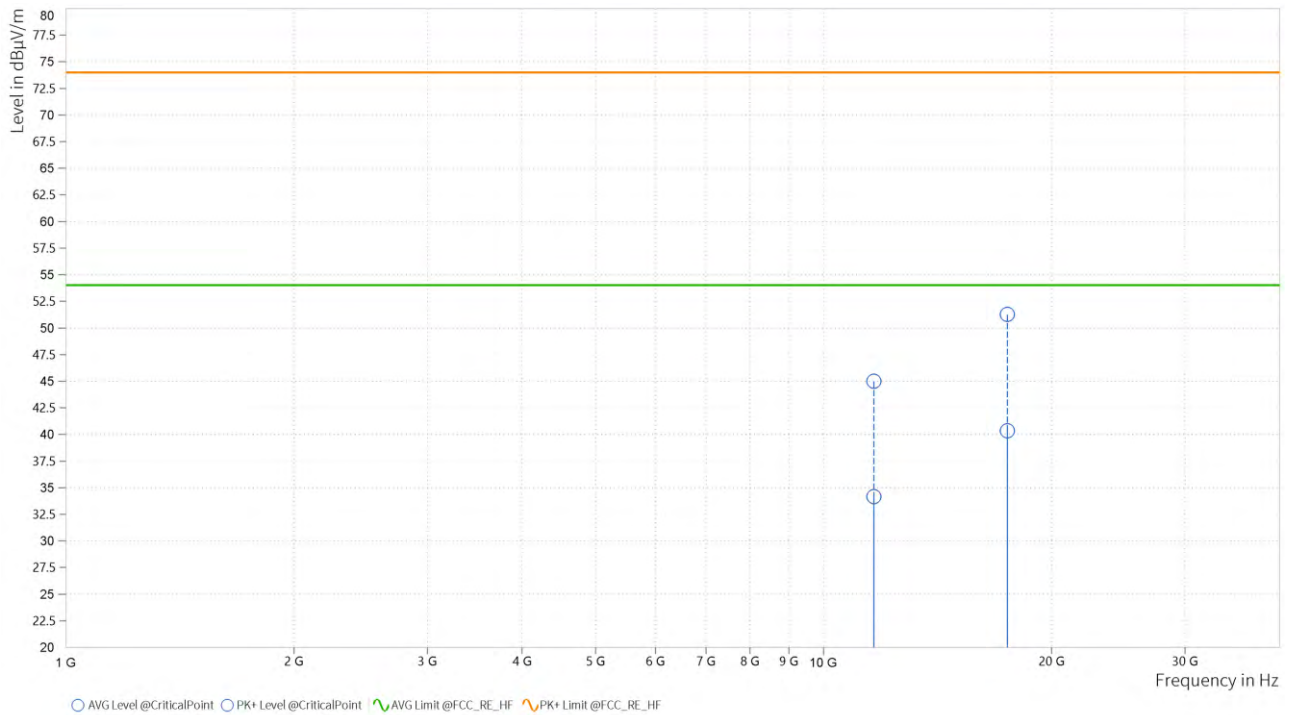
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,645.000	45.13	74.00	28.87	33.78	54.00	20.22	8.69	H	339.4	2
2	17,471.000	51.41	74.00	22.59	39.90	54.00	14.10	18.61	H	208.6	1





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,649.000	44.99	74.00	29.01	34.16	54.00	19.84	8.72	V	359	2
2	17,477.000	51.27	74.00	22.73	40.35	54.00	13.65	18.69	V	359	2



REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Limit value- Emission level.
- 5825MHz: Fundamental frequency.

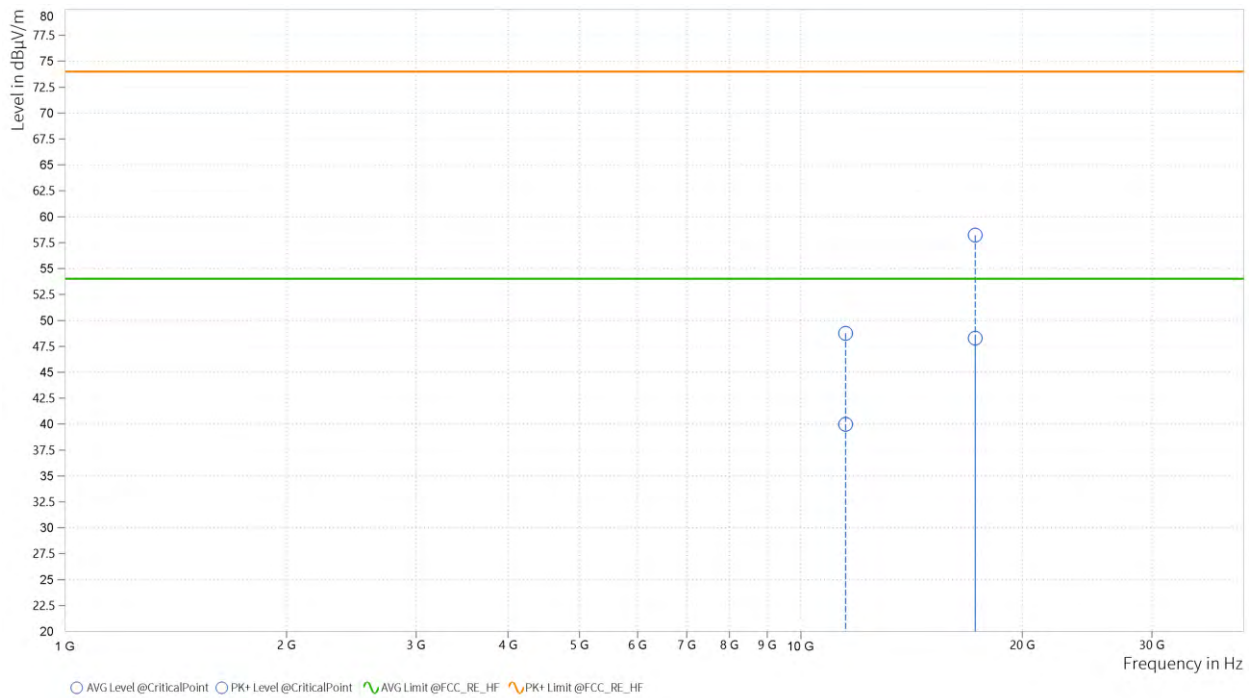


802.11ac (40MHz)

CHANNEL	TX Channel 151	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

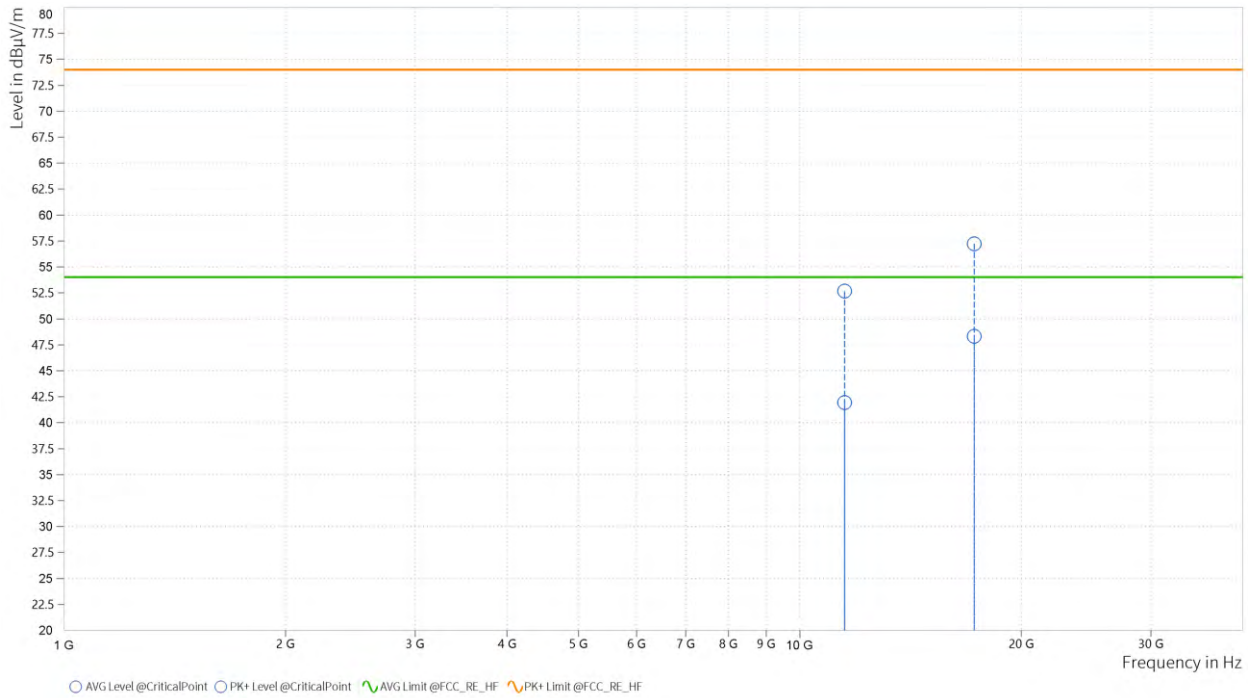
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,510.000	48.76	74.00	25.24	39.99	54.00	14.01	7.36	H	285.7	2
2	17,265.000	58.21	74.00	15.79	48.29	54.00	5.71	15.40	H	141.4	2





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,510.500	52.67	74.00	21.33	41.93	54.00	12.07	7.36	V	359.1	1
2	17,265.000	57.24	74.00	16.76	48.31	54.00	5.69	15.40	V	359	2



REMARKS:

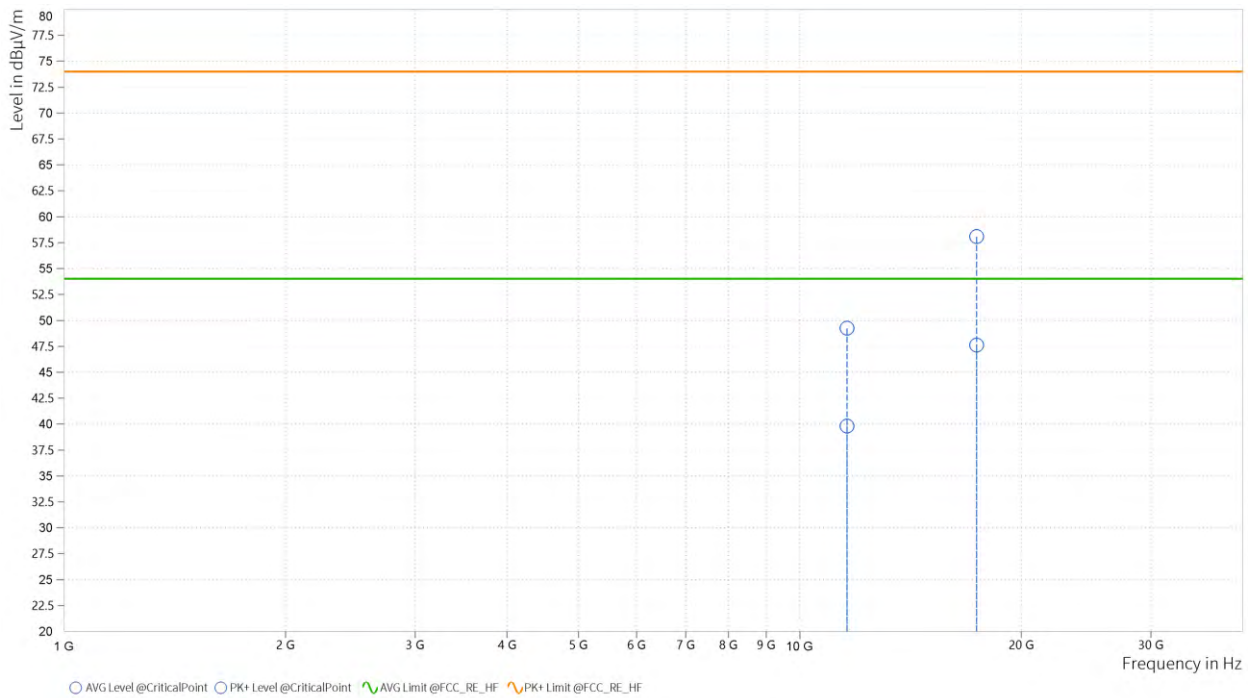
- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Limit value- Emission level.
- 5755MHz: Fundamental frequency.



CHANNEL	TX Channel 159	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

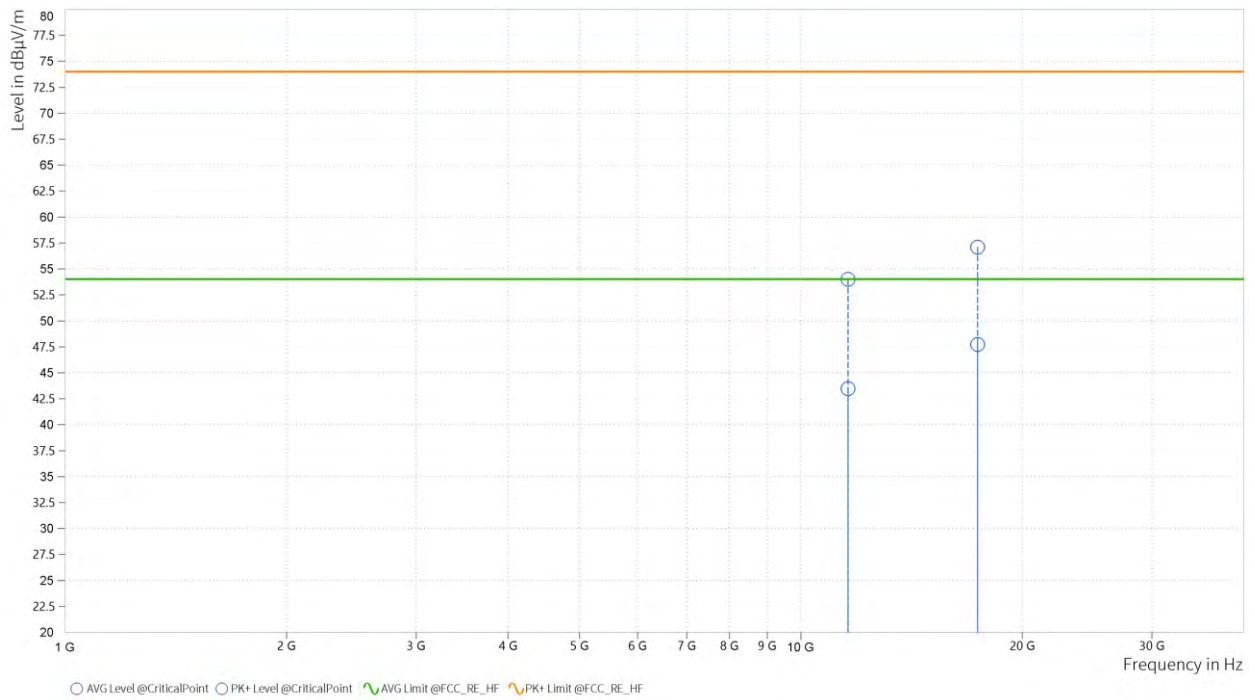
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,590.000	49.25	74.00	24.75	39.81	54.00	14.19	6.96	H	285.7	2
2	17,385.000	58.08	74.00	15.92	47.61	54.00	6.39	14.64	H	141.4	2





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,590.000	54.02	74.00	19.98	43.47	54.00	10.53	6.96	V	226.6	1
2	17,385.000	57.10	74.00	16.90	47.73	54.00	6.27	14.64	V	304.6	1



REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Limit value- Emission level.
- 5795MHz: Fundamental frequency.

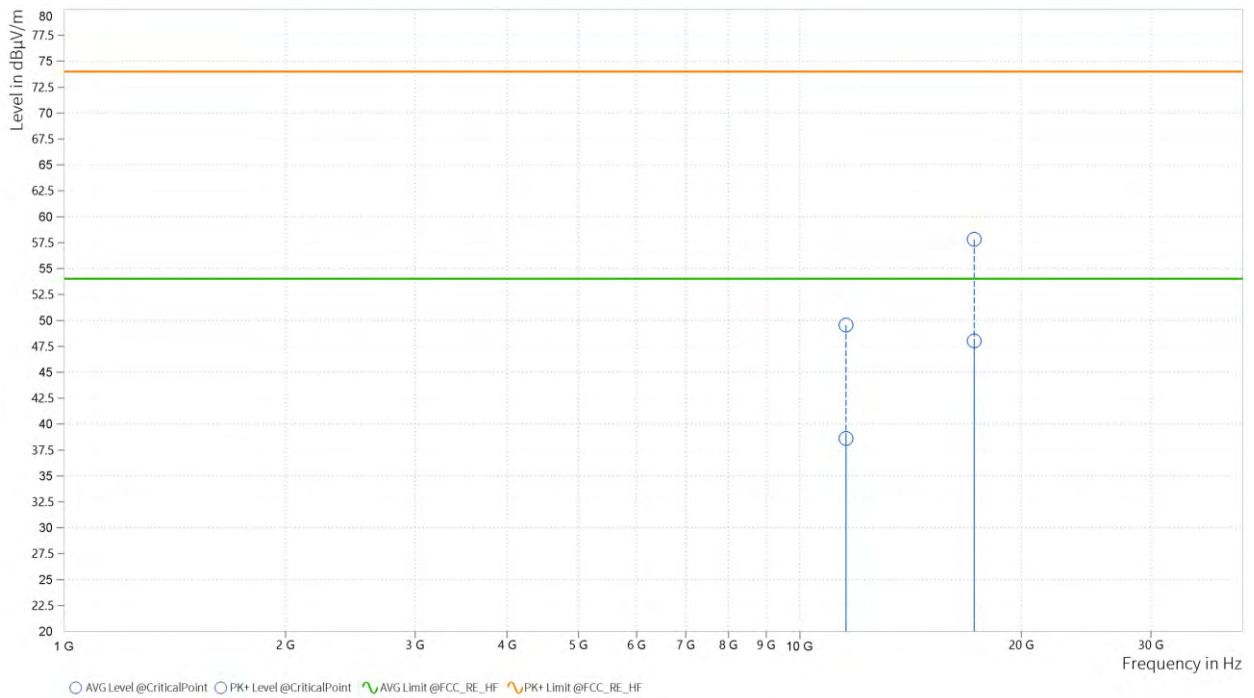


802.11ac (80MHz)

CHANNEL	TX Channel 155	DETECTOR FUNCTION	Peak (PK)
FREQUENCY RANGE	1GHz ~ 40GHz		Average (AV)

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

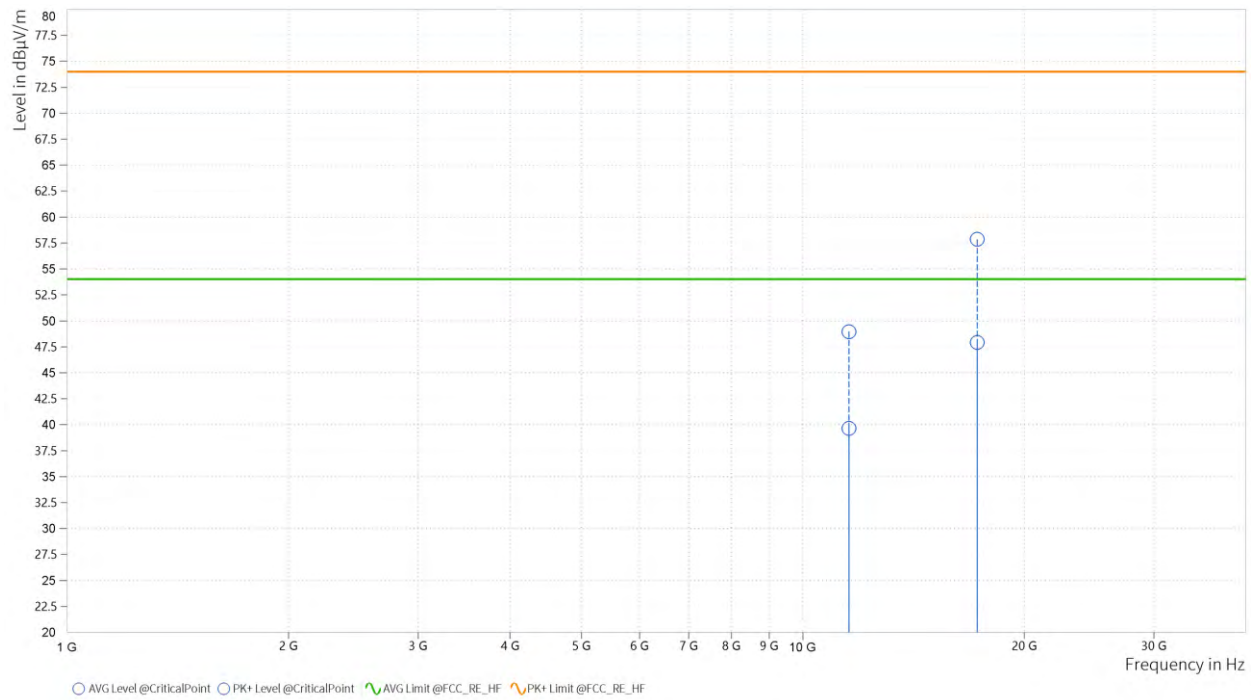
Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,550.000	49.54	74.00	24.46	38.63	54.00	15.37	7.16	H	270.5	1
2	17,265.000	57.83	74.00	16.17	48.01	54.00	5.99	15.40	H	0.9	2





ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

Rg	Frequency [MHz]	PK+ Level [dBμV/m]	PK+ Limit [dBμV/m]	PK+ Margin [dB]	AVG Level [dBμV/m]	AVG Limit [dBμV/m]	AVG Margin [dB]	Correction [dB]	Polarization	Azimuth [deg]	Antenna Height [m]
2	11,550.000	48.95	74.00	25.05	39.64	54.00	14.36	7.16	V	359	1
2	17,265.000	57.86	74.00	16.14	47.94	54.00	6.06	15.40	V	0.9	2



REMARKS:

- Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
Margin value = Limit value- Emission level.
- 5775MHz: Fundamental frequency.



3.2 CONDUCTED EMISSION MEASUREMENT

3.2.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT

FREQUENCY OF EMISSION (MHz)	CONDUCTED LIMIT (dBµV)	
	Quasi-peak	Average
0.15 ~ 0.5	66 to 56	56 to 46
0.5 ~ 5	56	46
5 ~ 30	60	50

- NOTE:**
1. The lower limit shall apply at the transition frequencies.
 2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.
 3. All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

3.2.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESR3	102749	Feb.25,22	Feb.24,24
ELEKTRA test software	Rohde&Schwarz	ELEKTRA	NA	N/A	N/A
LISN network	Rohde&Schwarz	ENV216	102640	Feb.17,22	Feb.16,24
CABLE	Rohde&Schwarz	W61.01	N/A	Apr.28,23	Oct.27,23
CABLE	Rohde&Schwarz	W601	N/A	Apr.28,23	Oct.27,23

- NOTE:**
1. The test was performed in CE shielded room.
 2. The calibration interval of the above test instruments is or 6 months 24 months. And the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.

3.2.3 TEST PROCEDURES

- a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

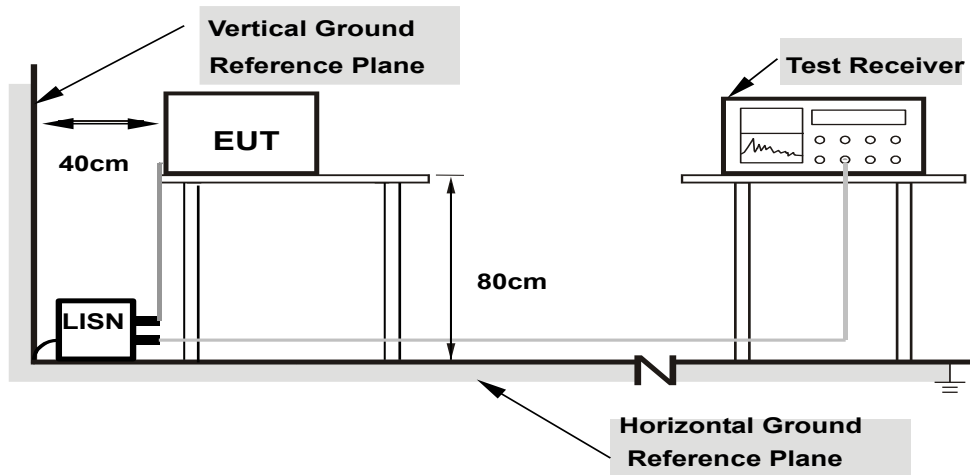
NOTE: All modes of operation were investigated and the worst-case emissions are reported.



3.2.4 DEVIATION FROM TEST STANDARD

No deviation.

3.2.5 TEST SETUP



- Note: 1.Support units were connected to second LISN.
2.Both of LISNs (AMN) are 80 cm from EUT and at least 80
from other units and other metal planes**

For the actual test configuration, please refer to the attached file (Test Setup Photo).

3.2.6 EUT OPERATING CONDITIONS

Same as 3.1.7.



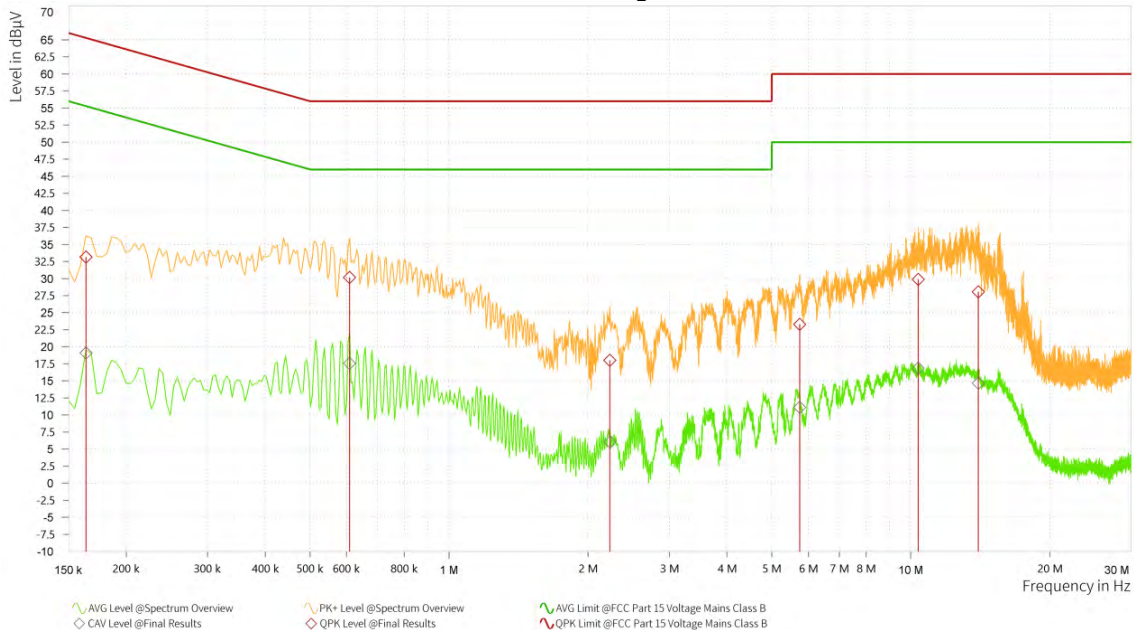
3.2.7 TEST RESULTS

CONDUCTED WORST-CASE DATA:

Frequency Range	150KHz ~ 30MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120Vac, 60Hz	Environmental Conditions	26deg. C, 51%RH
Tested By	Chao Wu		

Rg	Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	CAV Level [dBμV]	CAV: AVG Limit [dBμV]	CAV Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]
1	0.164	33.17	65.28	32.12	19.07	55.28	36.21	10.19	L1	9.000
1	0.609	30.17	56.00	25.83	17.55	46.00	28.45	9.93	L1	9.000
1	2.229	18.00	56.00	38.00	6.06	46.00	39.94	9.64	L1	9.000
1	5.744	23.30	60.00	36.70	11.12	50.00	38.88	9.61	L1	9.000
1	10.383	29.89	60.00	30.11	16.82	50.00	33.18	9.64	L1	9.000
1	13.997	28.06	60.00	31.94	14.66	50.00	35.34	9.68	L1	9.000

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Limit value - Emission level
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.





Frequency Range	150KHz ~ 30MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120Vac, 60Hz	Environmental Conditions	26deg. C, 51%RH
Tested By	Chao Wu		

Rg	Frequency [MHz]	QPK Level [dBμV]	QPK Limit [dBμV]	QPK Margin [dB]	CAV Level [dBμV]	CAV: AVG Limit [dBμV]	CAV Margin [dB]	Correction [dB]	Line	Meas. BW [kHz]
1	0.231	30.94	62.41	31.48	16.34	52.41	36.07	9.71	N	9.000
1	0.623	30.36	56.00	25.64	25.77	46.00	20.23	9.93	N	9.000
1	1.266	20.03	56.00	35.97	12.56	46.00	33.44	9.71	N	9.000
1	2.675	17.98	56.00	38.02	12.45	46.00	33.55	9.63	N	9.000
1	6.509	26.51	60.00	33.49	18.38	50.00	31.62	9.62	N	9.000
1	11.085	32.71	60.00	27.29	22.94	50.00	27.06	9.67	N	9.000

- REMARKS:**
1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
 2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
 3. The emission levels of other frequencies were very low against the limit.
 4. Margin value = Limit value - Emission level
 5. Correction factor = Insertion loss + Cable loss
 6. Emission Level = Correction Factor + Reading Value.





3.3 MAXIMUM CONDUCTED OUTPUT POWER MEASUREMENT

3.3.1 LIMITS OF MAXIMUM CONDUCTED OUTPUT POWER MEASUREMENT

Operation Band	EUT Category		LIMIT
U-NII-1		Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p \leq 125mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon)
		Fixed point-to-point Access Point	1 Watt (30 dBm)
	B	Indoor Access Point	1 Watt (30 dBm)
	√	Client devices	250mW (24 dBm)
U-NII-2A	√		250mW (24 dBm) or 11 dBm+10 log B*
U-NII-2C	√		250mW (24 dBm) or 11 dBm+10 log B*
U-NII-3	√		1 Watt (30 dBm)

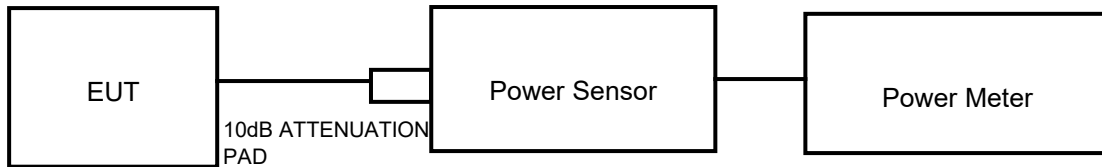
NOTE: Where B is the 26dB emission bandwidth in MHz.



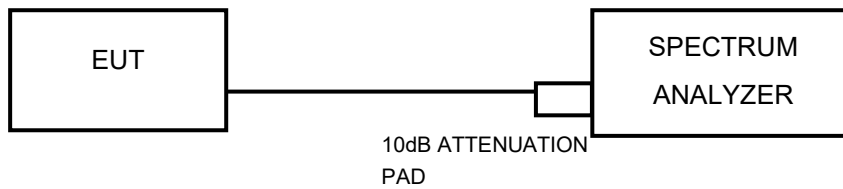
3.3.2 TEST SETUP

FOR POWER OUTPUT MEASUREMENT

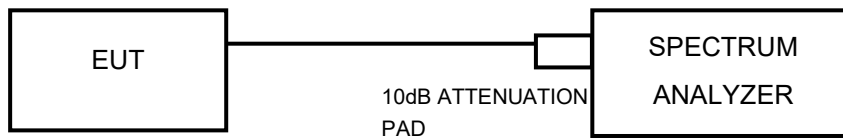
802.11a, 802.11n/ac(20MHz), 802.11 n/ac (40MHz) TEST CONFIGURATION



802.11ac (80MHz) TEST CONFIGURATION



FOR 26dB BANDWIDTH





3.3.3 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	R&S	ESW 44	101973	Feb.25,22	Feb.24,24
Open Switch and Control Unit	R&S	OSP-B157W8	100836	N/A	N/A
Vector Signal Generator	R&S	SMBV100B	102176	Feb.16,22	Feb.15,24
Signal Generator	R&S	SMB100A03	182185	Feb.16,22	Feb.15,24
Wideband Radio Communication	R&S	CMW500	169399	Jun.26,22	Jun.25,24
Hygrothermograph	DELI	20210528	SZ015	Sep.06,22	Sep.05,24
PC	LENOVO	E14	HRSW0024	N/A	N/A
CABLE	R&S	J12J103539-00-1	SEP-03-20-069	Apr.28,23	Oct.27,23
CABLE	R&S	J12J103539-00-1	SEP-03-20-070	Apr.28,23	Oct.27,23
Test Software	EMC32	EMC32	N/A	N/A	N/A
Temperature Chamber	votsch	VT4002	58566078100050	May.31,22	May.30,24

NOTE:

1. The calibration interval of the above test instruments is 6 months or 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
2. The test was performed in RF Oven room.



3.3.4 TEST PROCEDURE

FOR POWER MEASUREMENT

For 802.11a, 802.11 n/ac (20MHz), 802.11 n/ac (40MHz)

Method PM is used to perform output power measurement, trigger and gating function of wide band power meter is enabled to measure max output power of TX on burst. Duty factor is not added to measured value.

For 802.11ac(80MHz)

1. Measure the duty cycle, x , of the transmitter output signal as described in II.B.
2. Set span to encompass the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal.
3. Set RBW = 1 MHz.
4. Set VBW \geq 3 MHz.
5. Number of points in sweep $\geq 2 \times \text{span} / \text{RBW}$. (This ensures that bin-to-bin spacing is $\leq \text{RBW}/2$, so that narrowband signals are not lost between frequency bins.)
6. Sweep time = auto.
7. Detector = power averaging (rms), if available. Otherwise, use sample detector mode.
8. Do not use sweep triggering. Allow the sweep to “free run.”
9. Trace average at least 100 traces in power averaging (rms) mode; however, the number of traces to be averaged shall be increased above 100 as needed to ensure that the average accurately represents the true average over the on and off periods of the transmitter.
10. Add $10 \log (1/x)$, where x is the duty cycle, to the measured power to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission). For example, add $10 \log (1/0.25) = 6 \text{ dB}$ if the duty cycle is 25%.



FOR 99 PERCENT OCCUPIED BANDWIDTH

The following procedure shall be used for measuring (99 %) power bandwidth:

1. Set center frequency to the nominal EUT channel center frequency.
2. Set span = 1.5 times to 5.0 times the OBW.
3. Set RBW = 1 % to 5 % of the OBW
4. Set VBW $\geq 3 \cdot$ RBW
5. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
6. Use the 99 % power bandwidth function of the instrument (if available).
7. If the instrument does not have a 99 % power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.

FOR 26dB BANDWIDTH

- 1) Set RBW = approximately 1% of the emission bandwidth.
- 2) Set the VBW > RBW.
- 3) Detector = Peak.
- 4) Trace mode = max hold.
- 5) Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

FOR 6dB BANDWIDTH

1. Set RBW = 100 kHz.
2. Set the video bandwidth (VBW) ≥ 3 RBW.
3. Detector = Peak.
4. Trace mode = max hold.
5. Sweep = auto couple.
6. Allow the trace to stabilize.
7. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.



3.3.5 DEVIATION FROM TEST STANDARD

No deviation.

3.3.6 EUT OPERATING CONDITIONS

The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.



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3.3.7 TEST RESULTS

Please Refer to Appendix Of this test report.

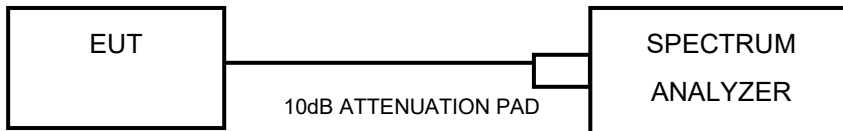


3.4 MAXIMUM POWER SPECTRAL DENSITY MEASUREMENT

3.4.1 LIMITS OF MAXIMUM POWER SPECTRAL DENSITY MEASUREMENT

Operation Band	EUT Category		LIMIT
U-NII-1		Outdoor Access Point	17dBm/ MHz
		Fixed point-to-point Access Point	
		Indoor Access Point	
	√	Client devices	11dBm/ MHz
U-NII-2A	√		11dBm/ MHz
U-NII-2C	√		11dBm/ MHz
U-NII-3	√		30dBm/ 500kHz

3.4.2 TEST SETUP



3.4.3 TEST INSTRUMENTS

Refer to section 3.3.3 to get information of above instrument.



3.4.4 TEST PROCEDURES

Using method SA-2(Band1/2/3)

- 1) Set span to encompass the entire emission bandwidth (EBW) of the signal.
- 2) Set RBW = 1 MHz, Set VBW \geq 3 MHz, Detector = RMS
- 3) Set Channel power measure = 1MHz
- 4) Sweep time = auto, trigger set to "free run".
- 5) Trace average at least 100 traces in power averaging mode.
- 6) Add $10 \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission).
- 7) Record the max value

Using method SA-2 (Band4)

- 1) Set span to encompass the entire emission bandwidth (EBW) of the signal.
- 2) Set RBW = 300 KHz, Set VBW \geq 1 MHz, Detector = RMS
- 3) Set Channel power measure = 1MHz
- 4) Sweep time = auto, trigger set to "free run".
- 5) Trace average at least 100 traces in power averaging mode.
- 6) Add $10 \log(500\text{kHz}/\text{RBW})$ to the test result. $10 \log(500\text{kHz}/300\text{KHZ}) = 2.22\text{dBm}$
- 7) Add $10 \log(1/x)$, where x is the duty cycle, to the measured power in order to compute the average power during the actual transmission times (because the measurement represents an average over both the on and off times of the transmission).
- 8) Record the max value

3.4.5 DEVIATION FROM TEST STANDARD

No deviation.

3.4.6 EUT OPERATING CONDITIONS

Same as 3.1.7.



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VERITAS

3.4.7 TEST RESULTS

Please Refer to Appendix Of this test report.



3.5 AUTOMATICALLY DISCONTINUE TRANSMISSION

3.5.1 LIMIT OF AUTOMATICALLY DISCONTINUE TRANSMISSION

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signalling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met.

3.5.2 TEST INSTRUMENTS

Refer to section 3.3.3 to get information of above instrument.

3.5.3 TEST RESULT

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving。 The EUT can detect the controlling of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission



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4 PHOTOGRAPHS OF THE TEST CONFIGURATION

Please refer to the attached file (Test Setup Photo).



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5 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No modifications were made to the EUT by the lab during the test.



6 APPENDIX

EMISSION BANDWIDTH

TEST RESULT

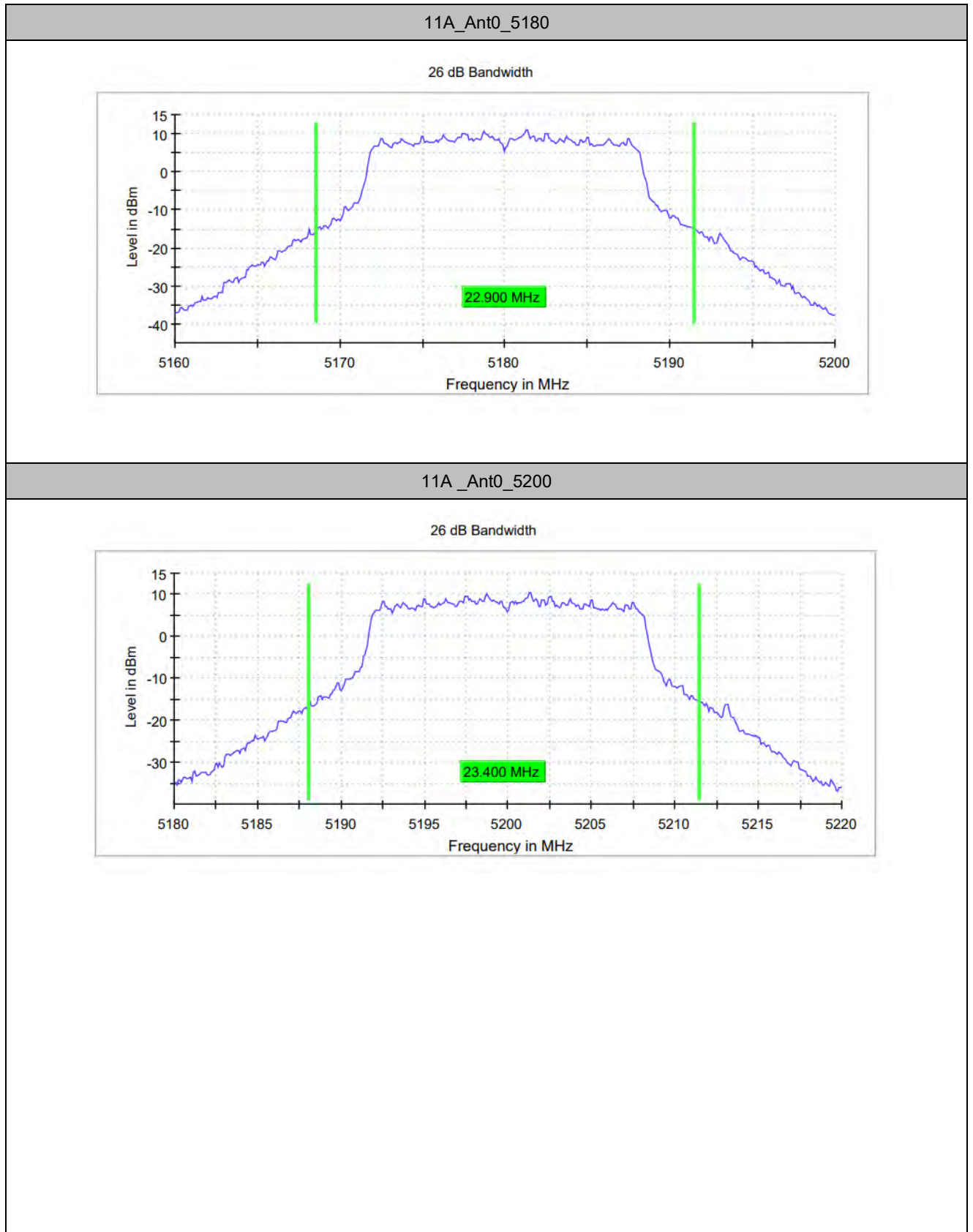
TestMode	Antenna	Frequency [MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5180	22.900	5168.550	5191.450	---	---
	Ant0	5200	23.400	5188.050	5211.450	---	---
	Ant0	5240	24.200	5228.950	5253.150	---	---
	Ant0	5260	22.800	5248.550	5271.350	---	---
	Ant0	5300	24.300	5288.850	5313.150	---	---
	Ant0	5320	22.500	5309.250	5331.750	---	---
	Ant0	5500	22.600	5488.850	5511.450	---	---
	Ant0	5580	22.400	5568.850	5591.250	---	---
	Ant0	5700	22.200	5689.250	5711.450	---	---
	Ant0	5720	22.300	5709.150	5731.450		
	Ant0	5745	22.400	5733.850	5756.250	---	---
	Ant0	5785	22.500	5773.950	5796.450	---	---
	Ant0	5825	22.500	5813.850	5836.350	---	---
	11N20-MIMO	Ant0	5180	23.600	4168.250	5191.850	
Ant0		5200	24.300	5187.650	5211.950		
Ant0		5240	23.700	5228.650	5252.350		
Ant0		5260	23.700	5248.250	5271.950		
Ant0		5300	23.700	5288.350	5312.050		
Ant0		5320	23.500	5308.850	5332.350		
Ant0		5500	22.900	5488.550	5511.450		
Ant0		5580	23.400	5568.350	5591.750		
Ant0		5700	23.300	5688.650	5711.950		
Ant0		5720	23.200	5708.550	5731.750		
Ant0		5745	23.200	5733.550	5756.750		
Ant0		5785	22.900	5773.450	5796.350		
Ant0		5825	23.300	5713.550	5836.850		
11AC40-MIMO	Ant0	5190	41.726	5169.137	5210.863		



	Ant0	5230	42.026	5209.137	5251.163		
	Ant0	5270	41.426	5249.287	5290.713		
	Ant0	5310	41.576	5289.437	5331.013		
	Ant0	5510	41.576	5489.137	5530.713		
	Ant0	5550	41.876	5529.287	5571.163		
	Ant0	5670	41.576	5649.137	5690.713		
	Ant0	5710	41.726	5689.287	5731.013		
	Ant0	5755	42.627	5733.537	5776.163		
	Ant0	5795	41.426	5774.287	5815.713		
11AC80-MIMO	Ant0	5210	124.000	5164.750	5288.750		
	Ant0	5290	85.500	5247.250	8332.750		
	Ant0	5530	86.000	5487.250	5573.250		
	Ant0	5610	85.500	5567.250	5652.750		
	Ant0	5690	85.500	5647.250	5732.750		
	Ant0	5775	112.500	5706.250	5818.750		



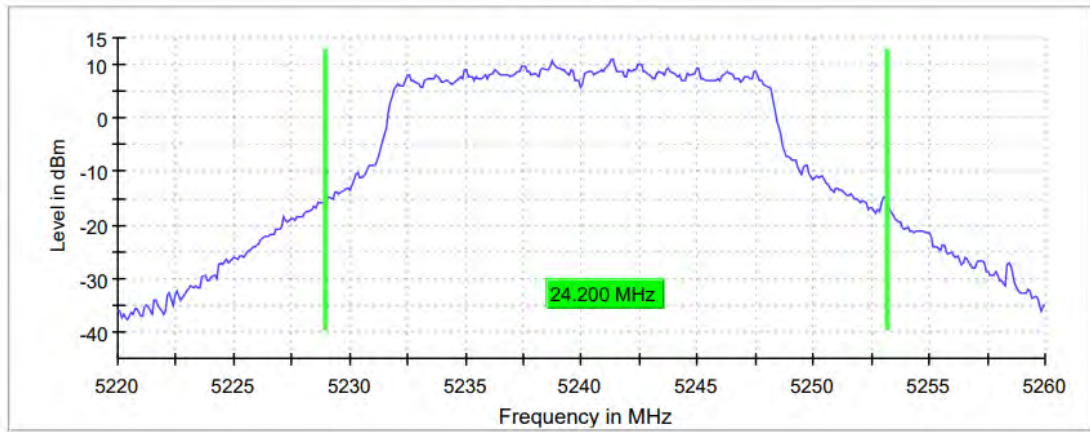
TEST GRAPHS





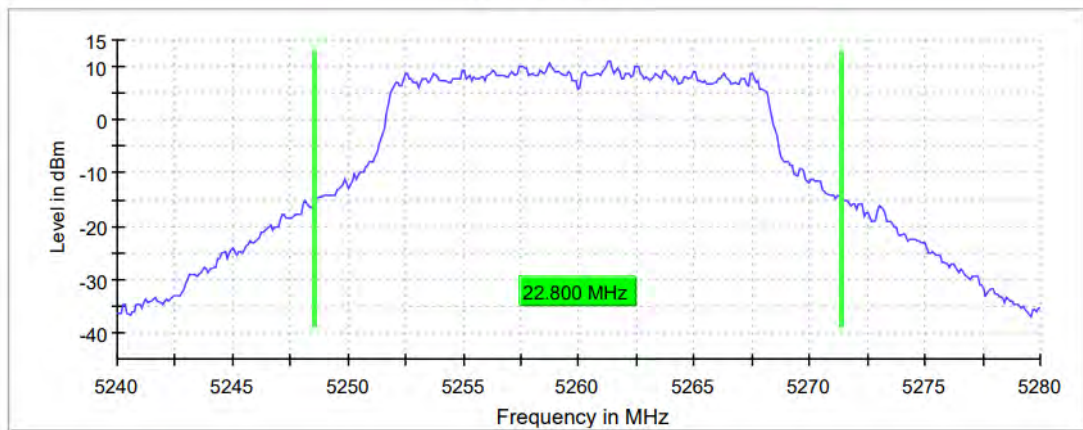
11A_Ant0_5240

26 dB Bandwidth



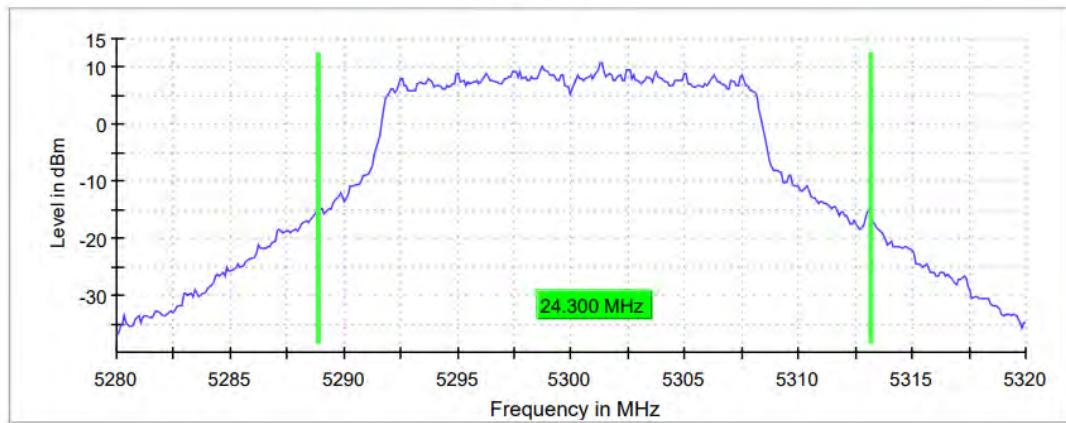
11A_Ant0_5260

26 dB Bandwidth



11A_Ant0_5300

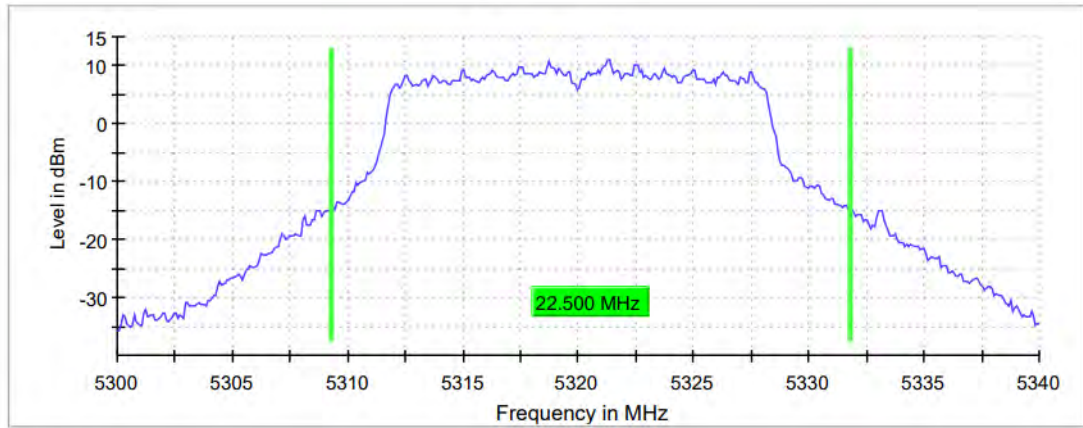
26 dB Bandwidth





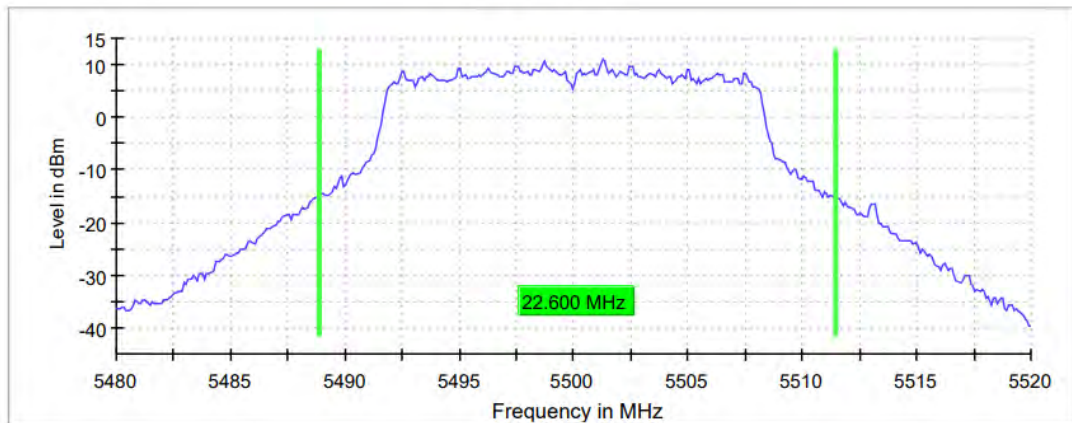
11A_Ant0_5320

26 dB Bandwidth



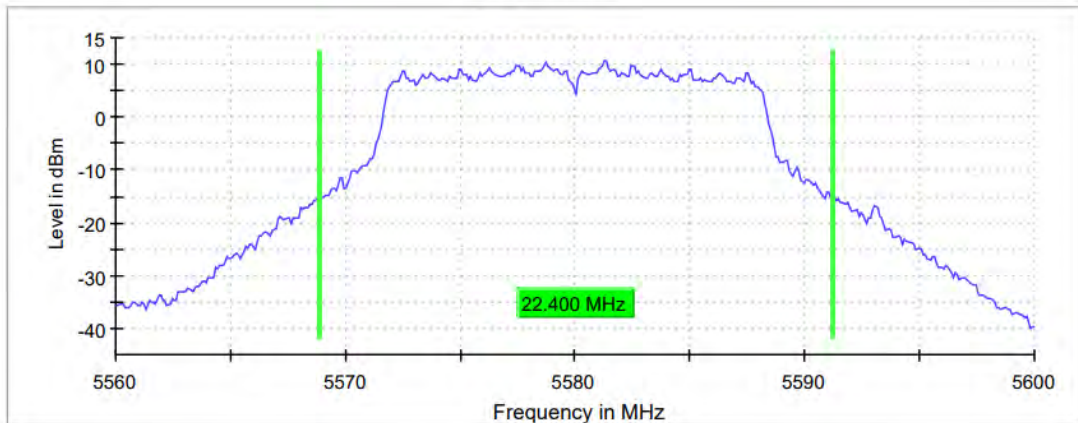
11A_Ant0_5500

26 dB Bandwidth



11A_Ant0_5580

26 dB Bandwidth



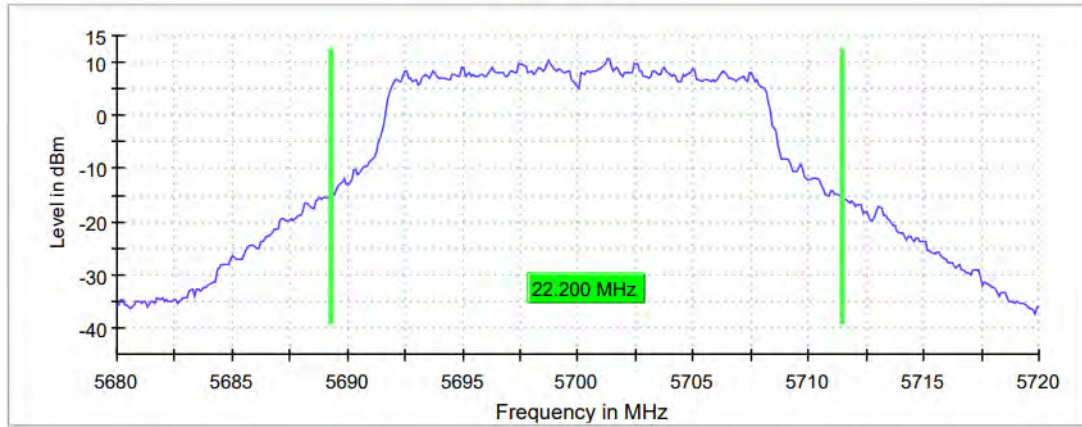


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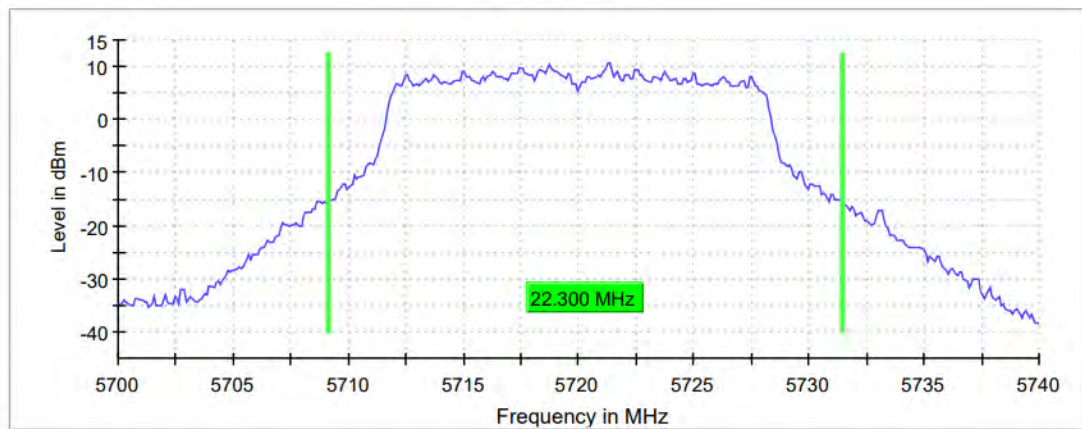
11A_Ant0_5700

26 dB Bandwidth



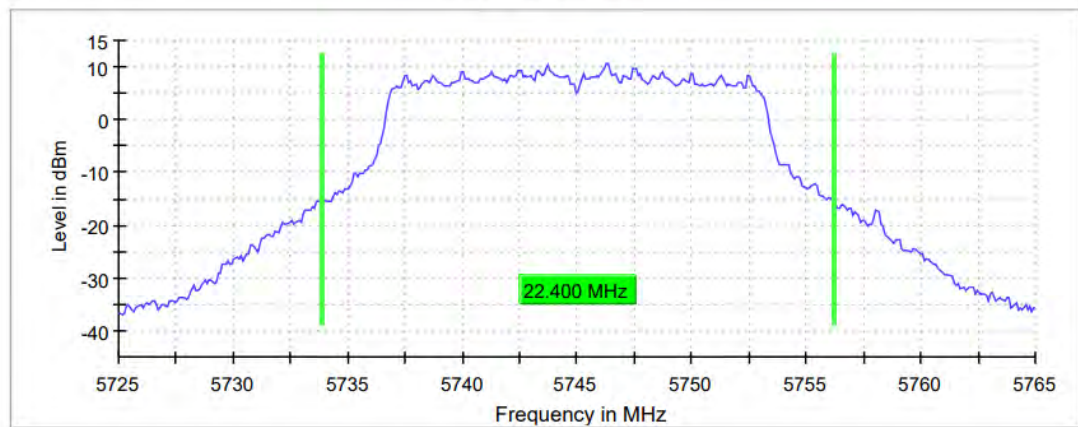
11A_Ant0_5720

26 dB Bandwidth



11A_Ant0_5745

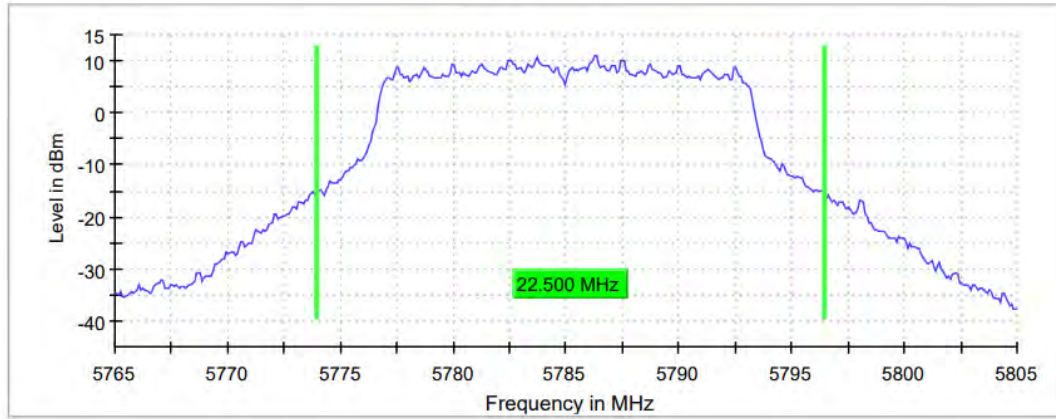
26 dB Bandwidth





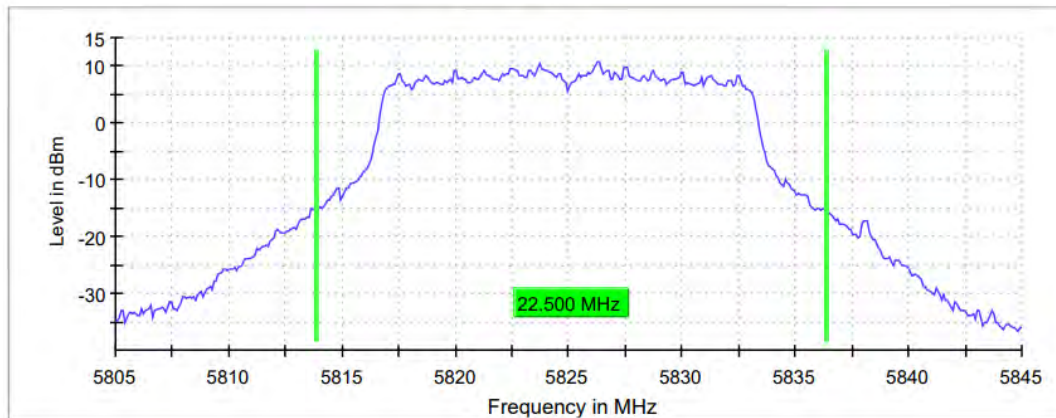
11A_Ant0_5785

26 dB Bandwidth



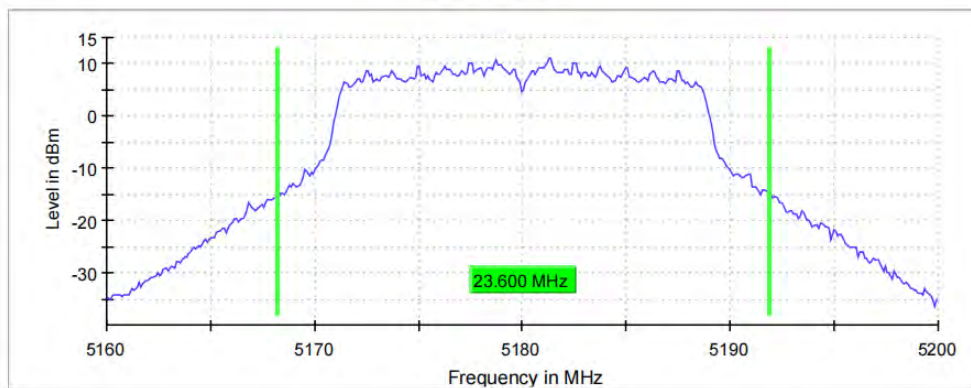
11A_Ant0_5825

26 dB Bandwidth



11N20_Ant0_5180

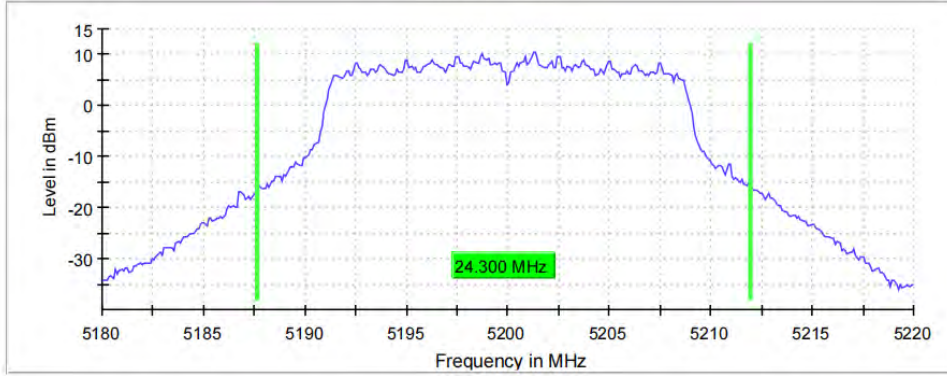
26 dB Bandwidth





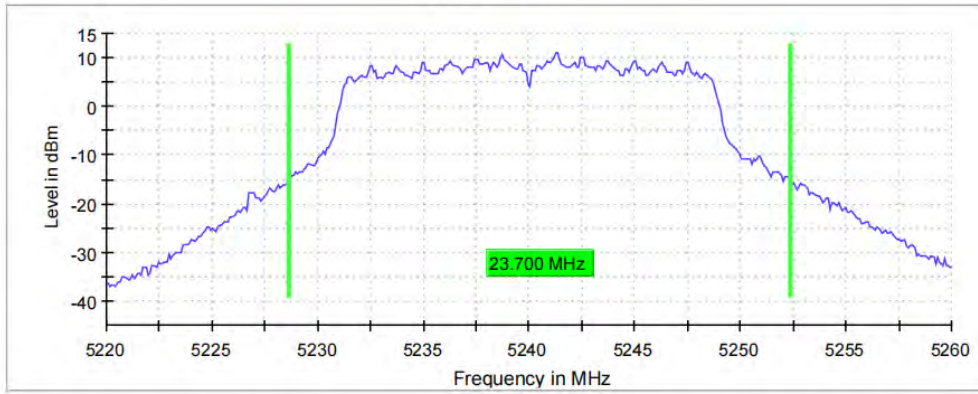
11N20_Ant0_5200

26 dB Bandwidth



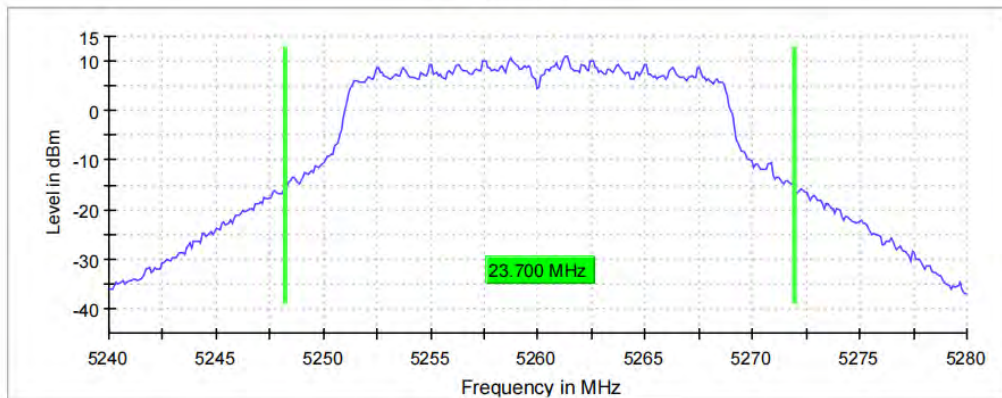
11N20_Ant0_5240

26 dB Bandwidth



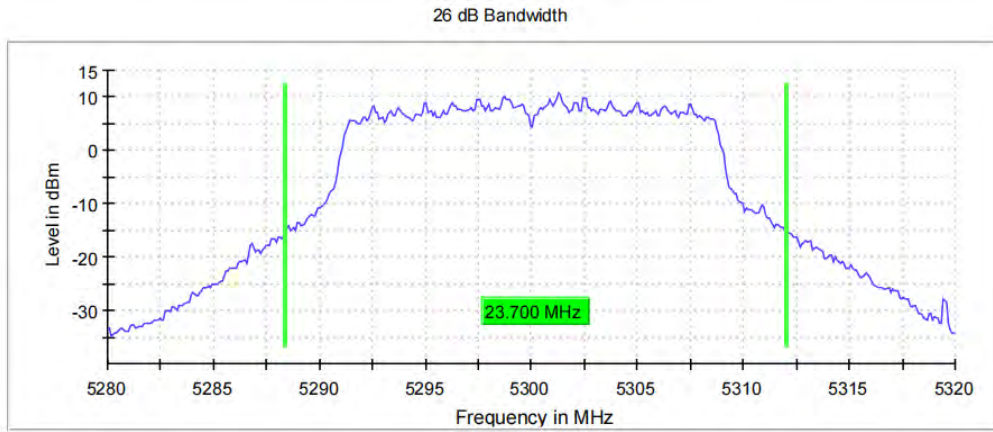
11N20_Ant0_5260

26 dB Bandwidth

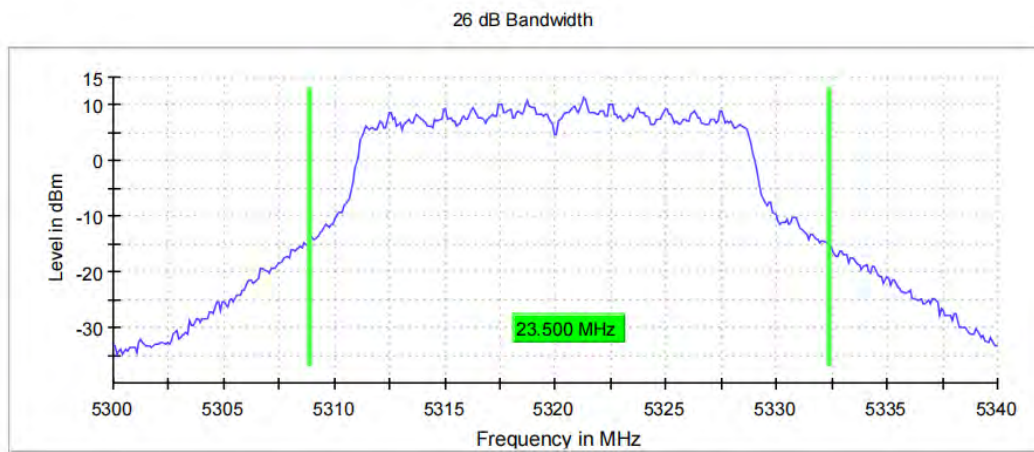




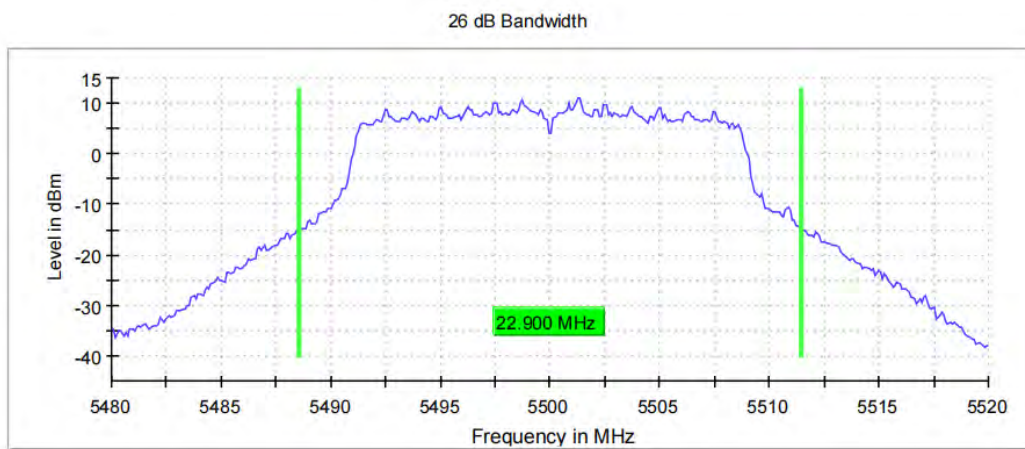
11N20_Ant0_5300



11N20_Ant0_5320

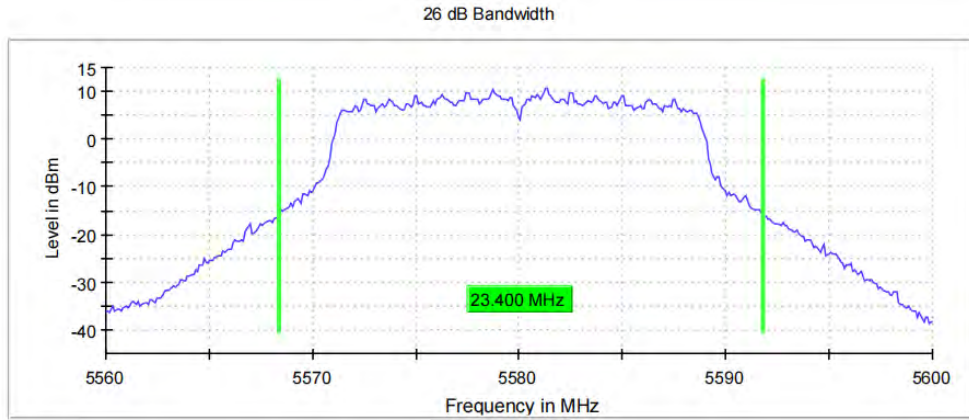


11N20_Ant0_5500

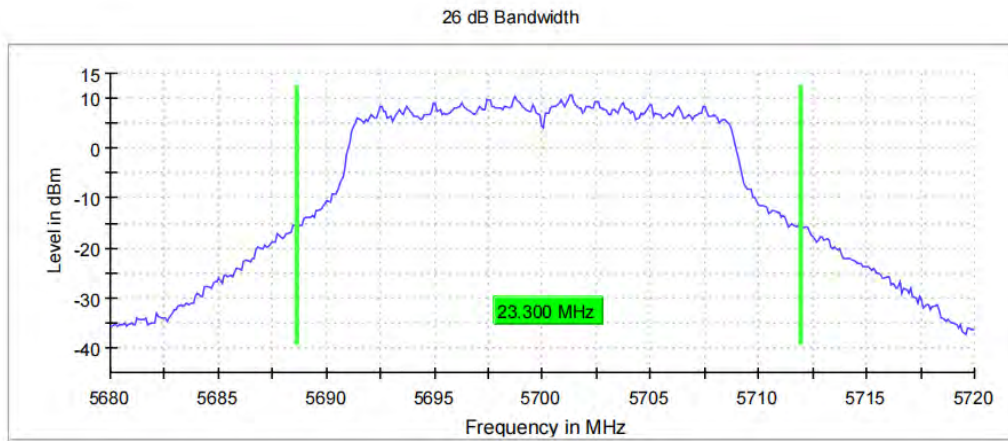




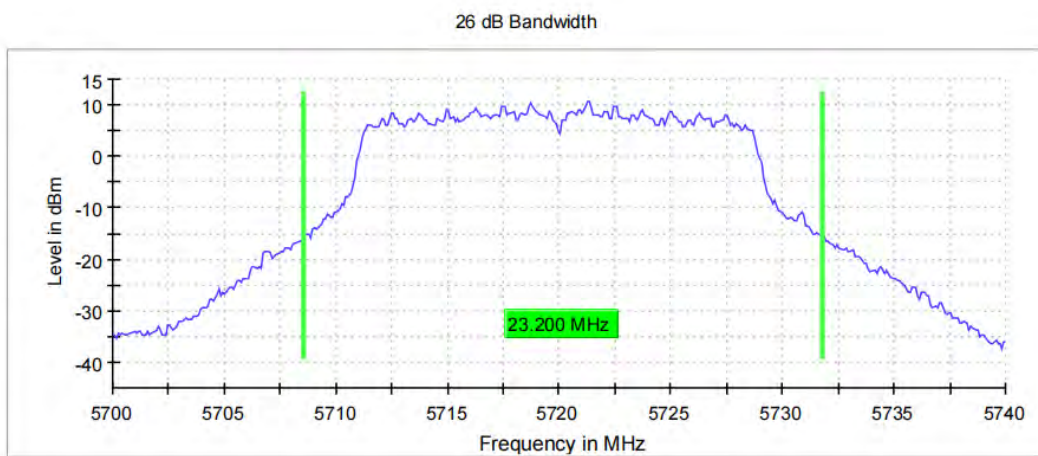
11N20_Ant0_5580



11N20_Ant0_5700



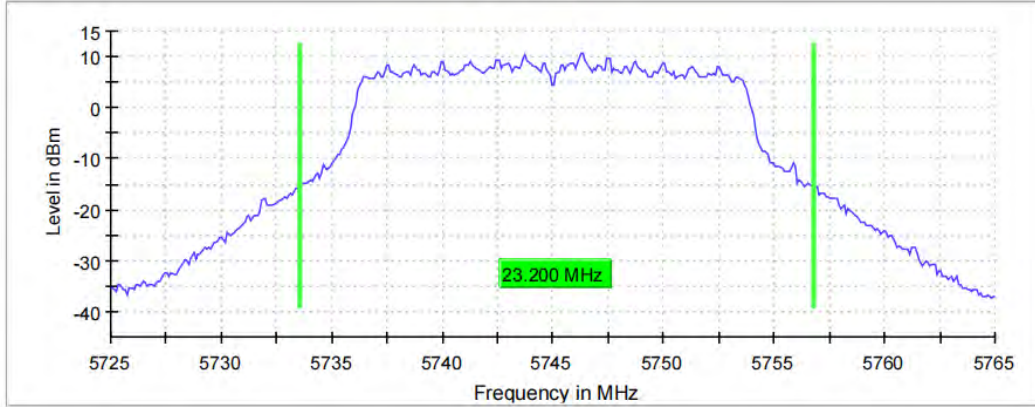
11N20_Ant0_5720





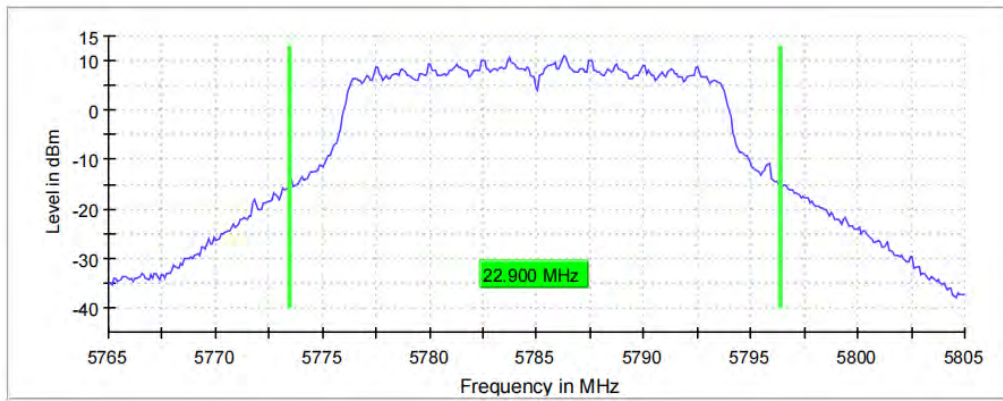
11N20_Ant0_5745

26 dB Bandwidth



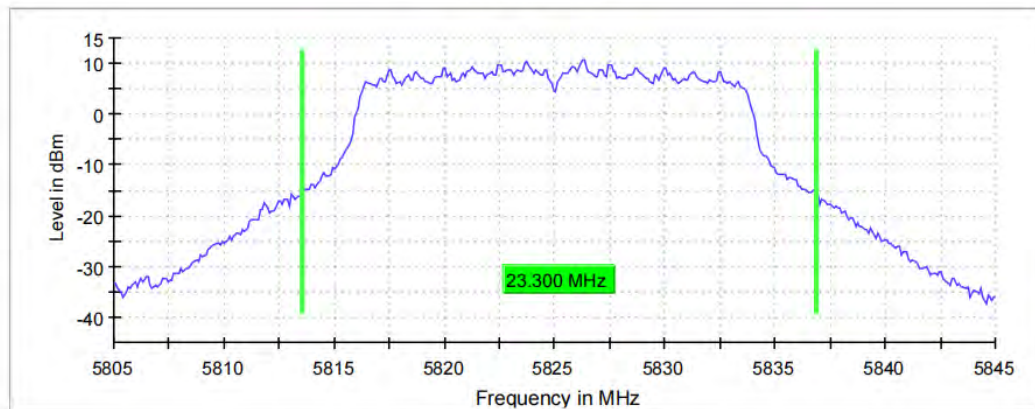
11N20_Ant0_5785

26 dB Bandwidth



11N20_Ant0_5825

26 dB Bandwidth





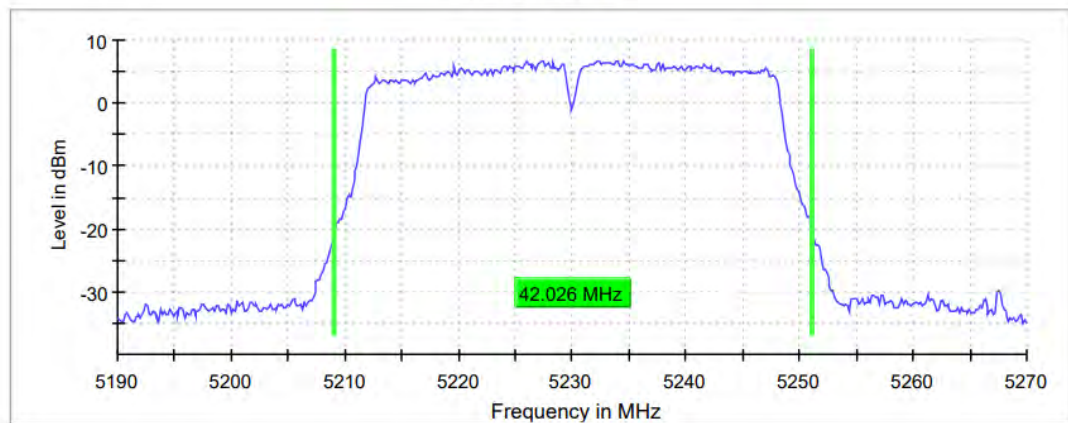
11AC40_Ant0_5190

26 dB Bandwidth



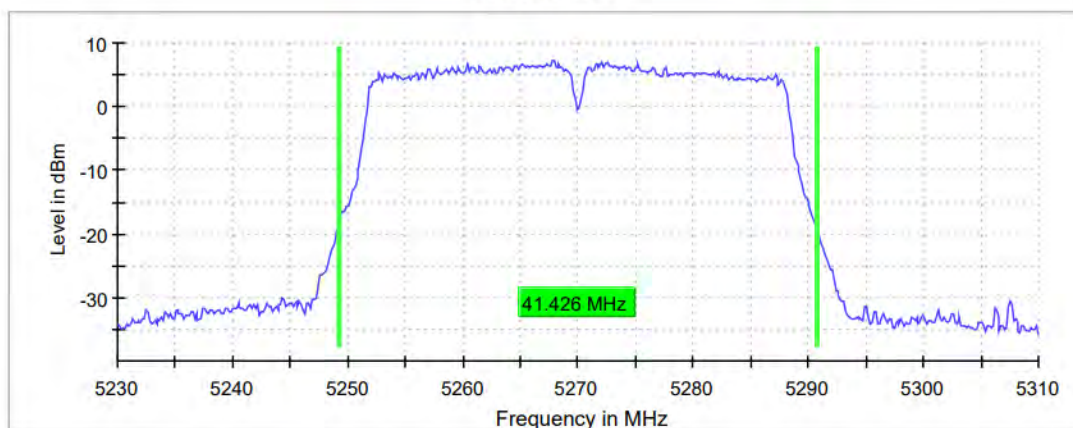
11AC40_Ant0_5230

26 dB Bandwidth



11AC40_Ant0_5270

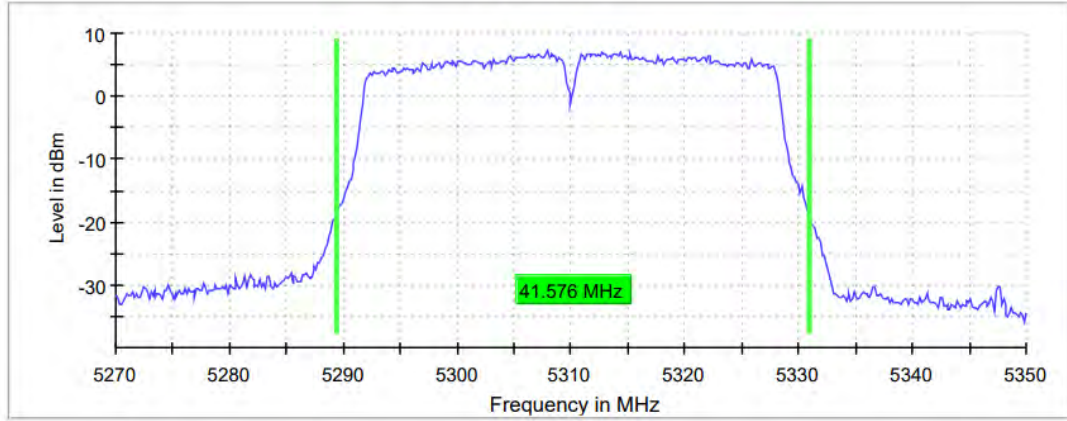
26 dB Bandwidth





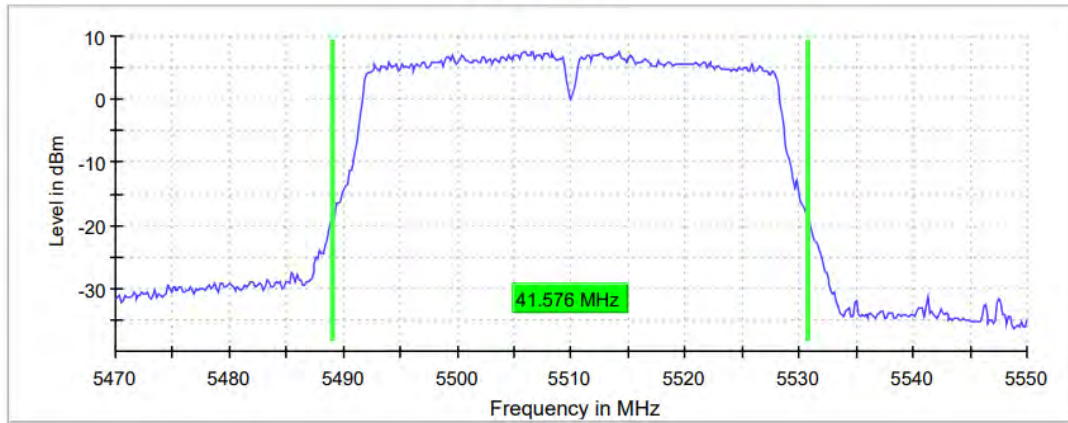
11AC40_Ant0_5310

26 dB Bandwidth



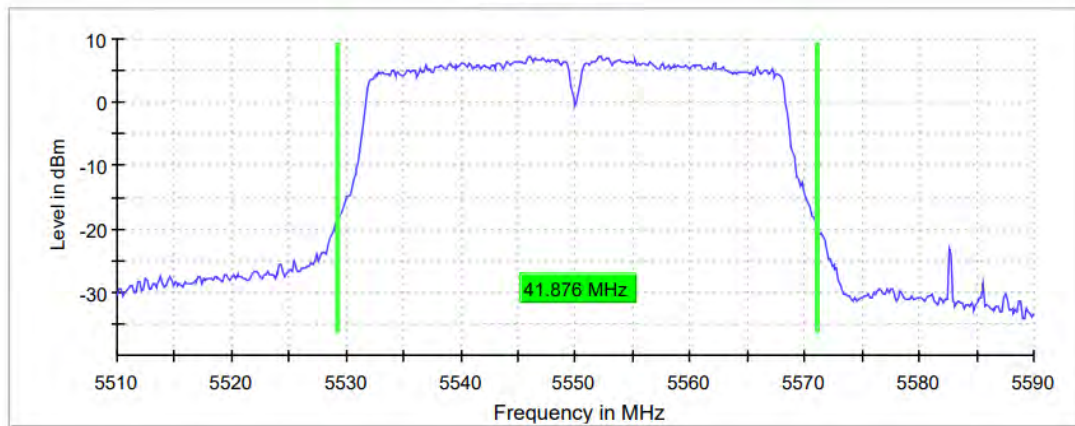
11AC40_Ant0_5510

26 dB Bandwidth



11AC40_Ant0_5550

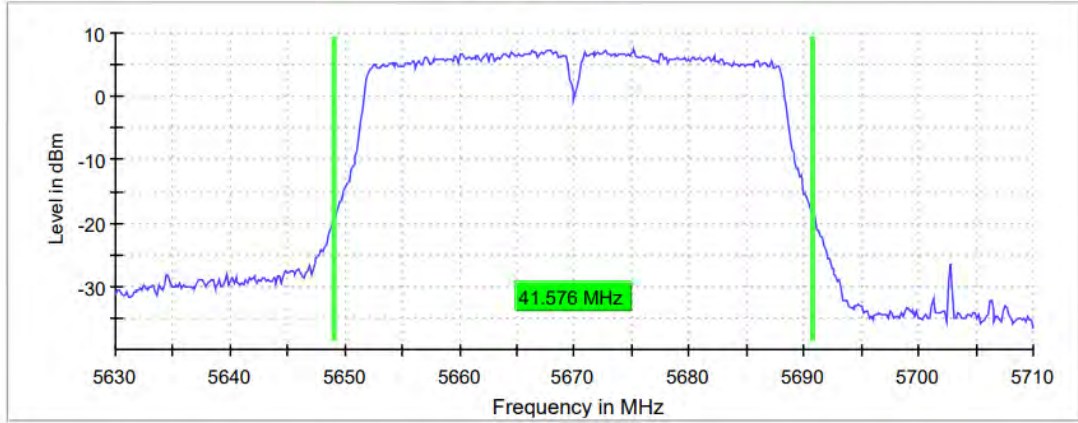
26 dB Bandwidth





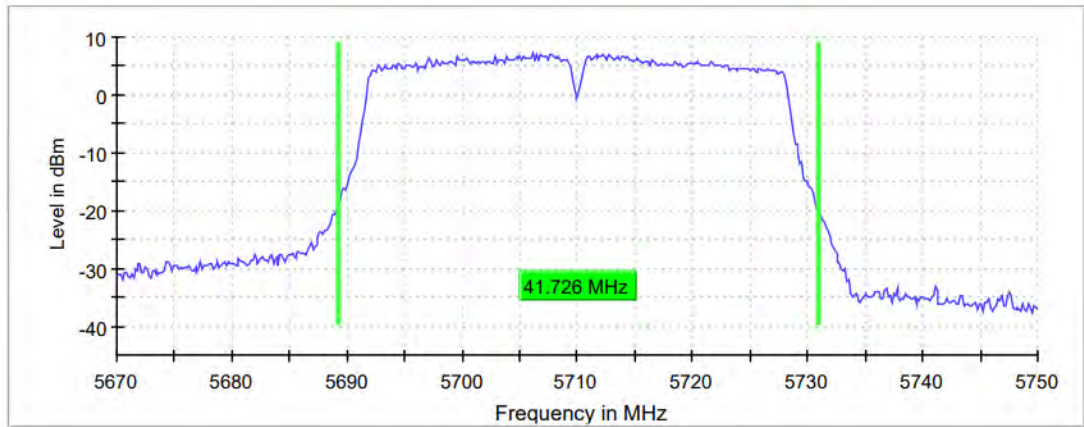
11AC40_Ant0_5670

26 dB Bandwidth



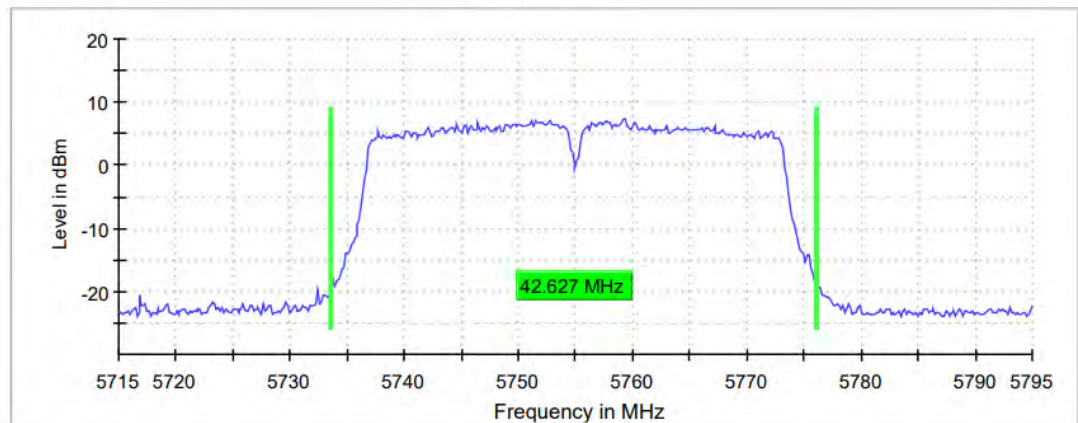
11AC40_Ant0_5710

26 dB Bandwidth



11AC40_Ant0_5755

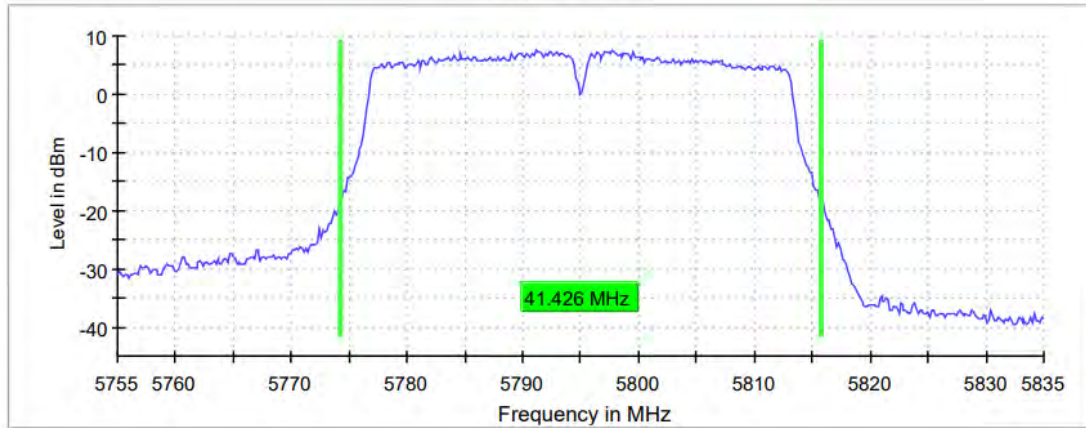
26 dB Bandwidth





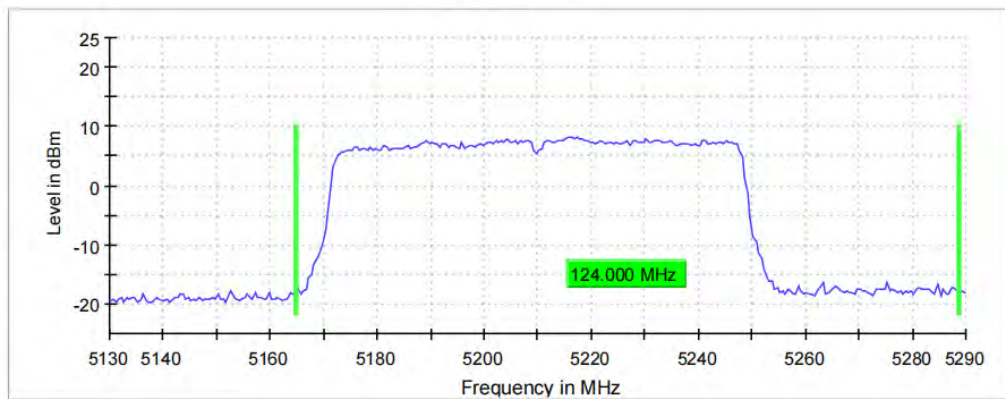
11AC40_Ant0_5795

26 dB Bandwidth



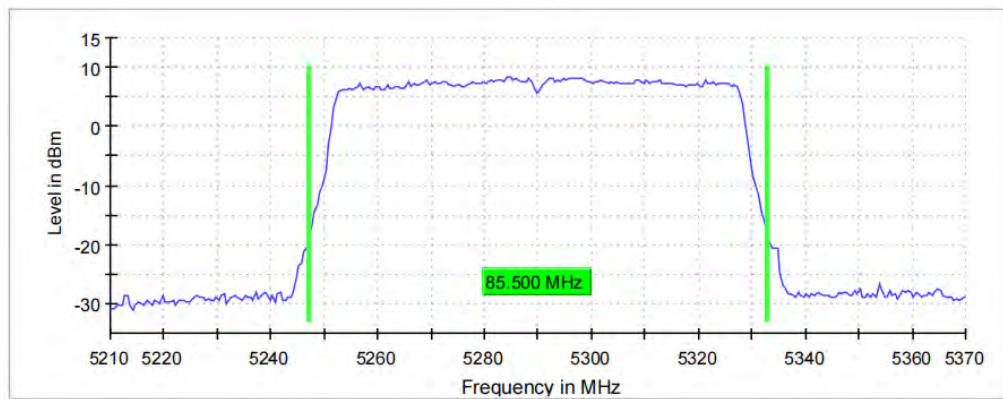
11AC80_Ant0_5210

26 dB Bandwidth



11AC80_Ant0_5290

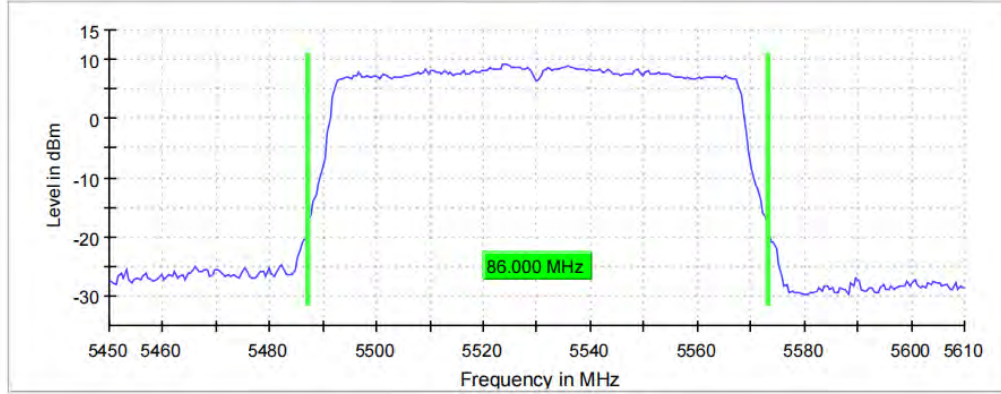
26 dB Bandwidth





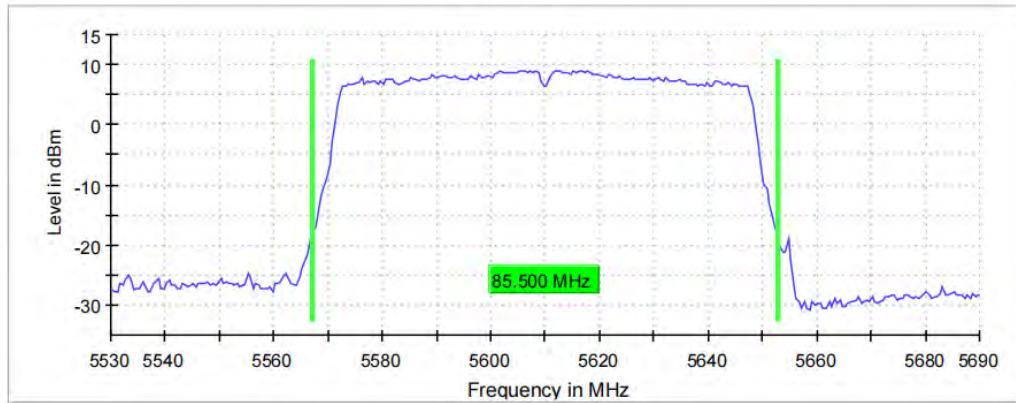
11AC80_Ant0_5530

26 dB Bandwidth



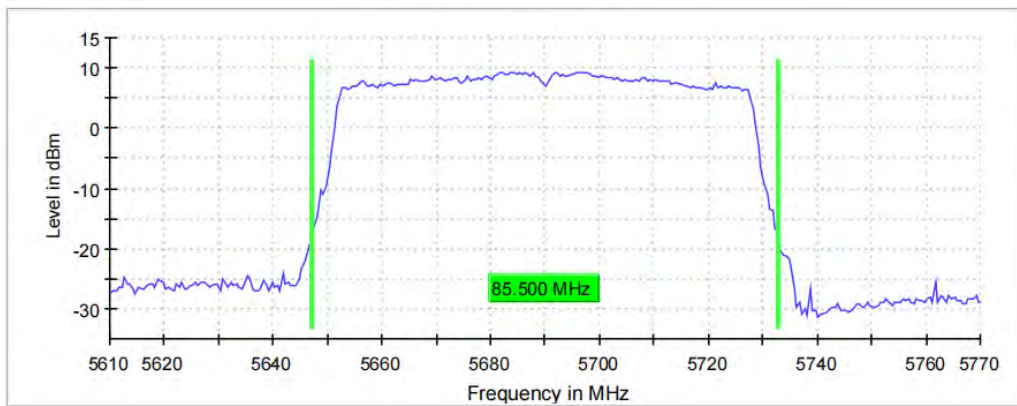
11AC80_Ant0_5610

26 dB Bandwidth



11AC80_Ant0_5690

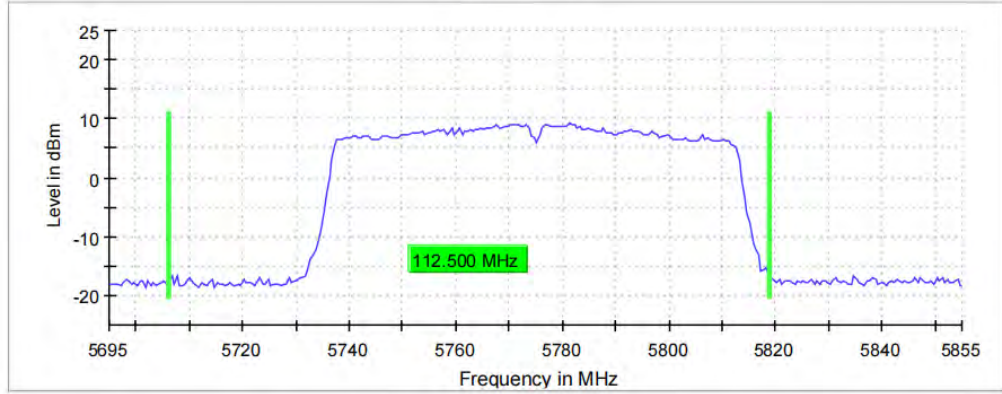
26 dB Bandwidth





11AC80_Ant0_5775

26 dB Bandwidth





OCCUPIED CHANNEL BANDWIDTH

TEST RESULT

TestMode	Antenna	Frequency [MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5180	16.700	5171.650	5188.350		
	Ant0	5200	16.700	5191.650	5208.350		
	Ant0	5240	16.600	5231.750	5248.350		
	Ant0	5260	16.700	5251.650	5268.350		
	Ant0	5300	16.600	5291.750	5308.350		
	Ant0	5320	16.600	5311.750	5328.350		
	Ant0	5500	16.600	5491.650	5508.250		
	Ant0	5580	16.600	5571.750	5588.350		
	Ant0	5700	16.600	5691.750	5708.350		
	Ant0	5720	16.500	5711.750	5728.250		
	Ant0	5745	16.700	5736.650	5753.350		
	Ant0	5785	16.500	5776.750	5793.250		
	Ant0	5825	16.700	5816.650	5833.350		
11N20-MIMO	Ant0	5180	17.700	5171.150	5188.850		
	Ant0	5200	17.800	5191.050	5208.850		
	Ant0	5240	17.800	5231.150	5248.950		
	Ant0	5260	17.700	5251.150	5268.850		
	Ant0	5300	17.800	5291.150	5308.950		
	Ant0	5320	17.800	5311.150	5328.950		
	Ant0	5500	17.800	5491.150	5508.950		
	Ant0	5580	17.800	5571.150	5588.950		
	Ant0	5700	17.700	5691.150	5708.850		
	Ant0	5720	17.700	5711.150	5728.850		
	Ant0	5745	17.700	5736.775	5752.925		
	Ant0	5785	17.700	5776.775	5792.925		
	Ant0	5825	17.700	5816.150	5833.850		
11AC40-MIMO	Ant0	5190	36.500	5171.625	5208.125		
	Ant0	5230	36.500	5211.875	5248.375		
	Ant0	5270	36.500	5251.625	5288.125		
	Ant0	5310	36.500	5291.875	5328.375		



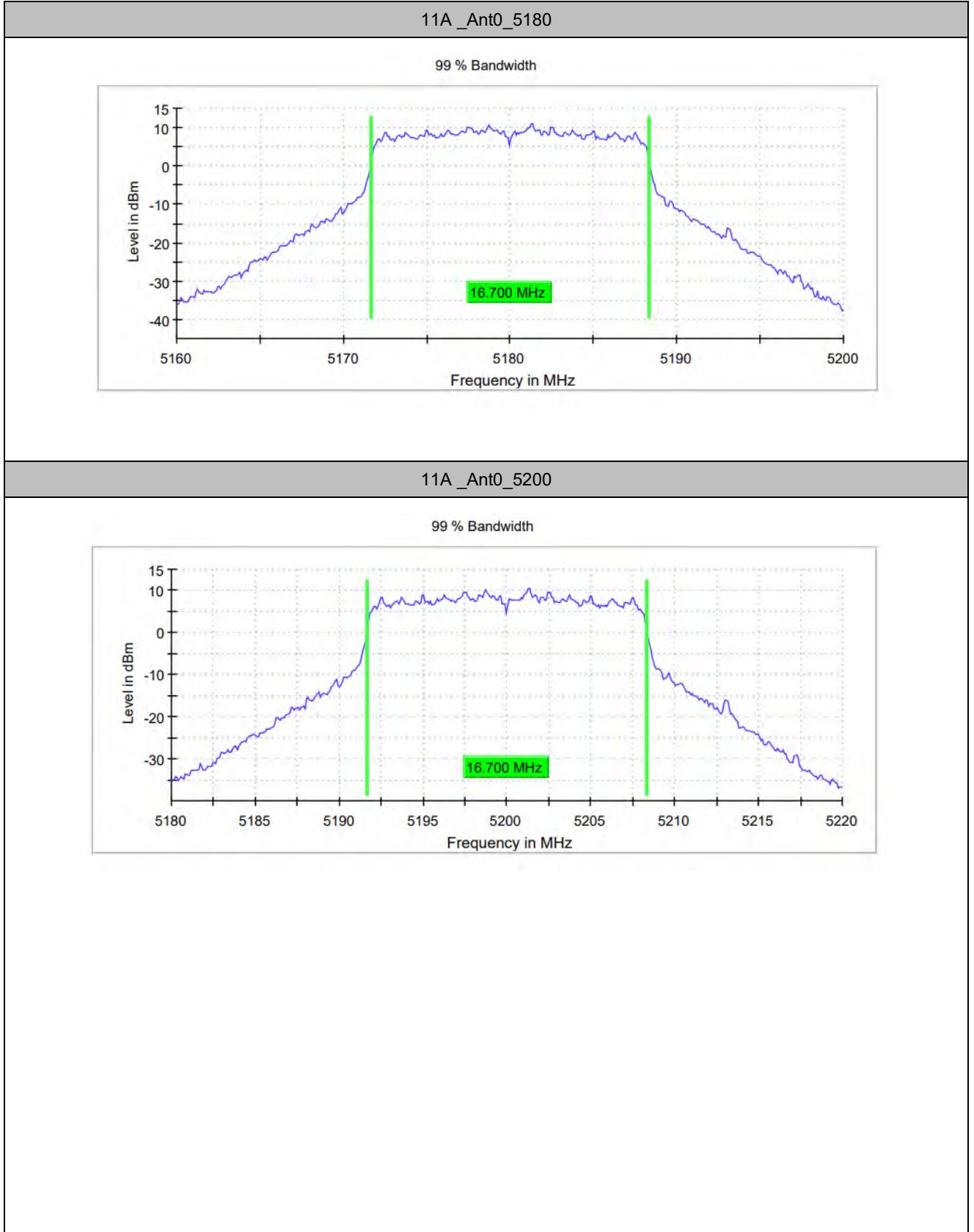
**BUREAU
VERITAS**

Test Report No.: PSZ-NQN2303280110RF06

	Ant0	5510	36.250	5491.875	5528.125		
	Ant0	5550	36.500	5531.875	5568.375		
	Ant0	5670	36.250	5651.875	5688.125		
	Ant0	5710	36.250	5691.875	5728.125		
	Ant0	5755	36.500	5736.875	5773.375		
	Ant0	5795	36.500	5776.625	5813.125		
11AC80-MIMO	Ant0	5210	76.000	5172.250	5248.250		
	Ant0	5290	76.500	5251.750	5328.250		
	Ant0	5530	76.000	5492.250	5568.250		
	Ant0	5610	76.500	5571.750	5648.250		
	Ant0	5690	76.000	5651.750	5727.750		
	Ant0	5775	76.000	5737.425	5812.625		



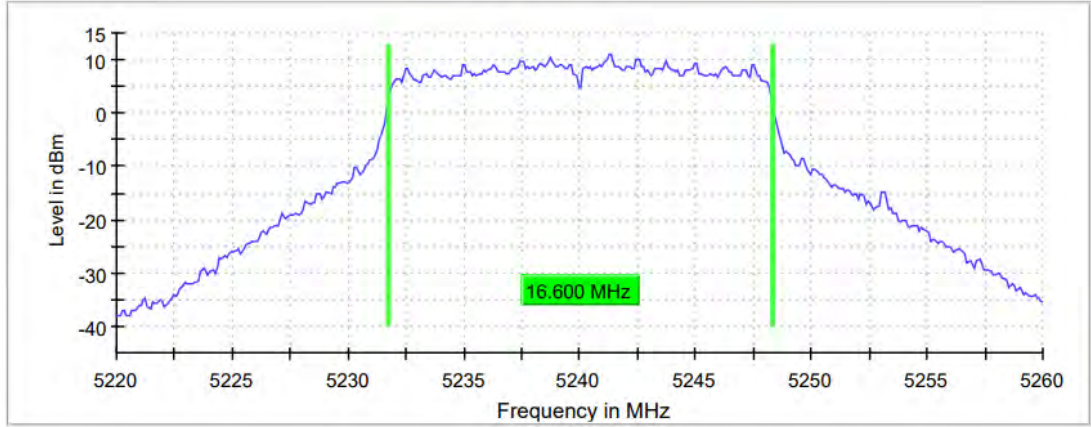
TEST GRAPHS





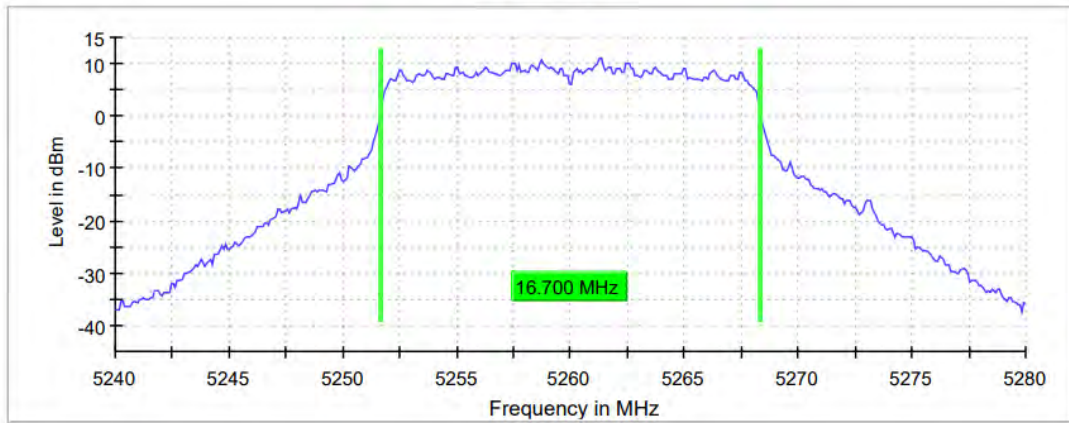
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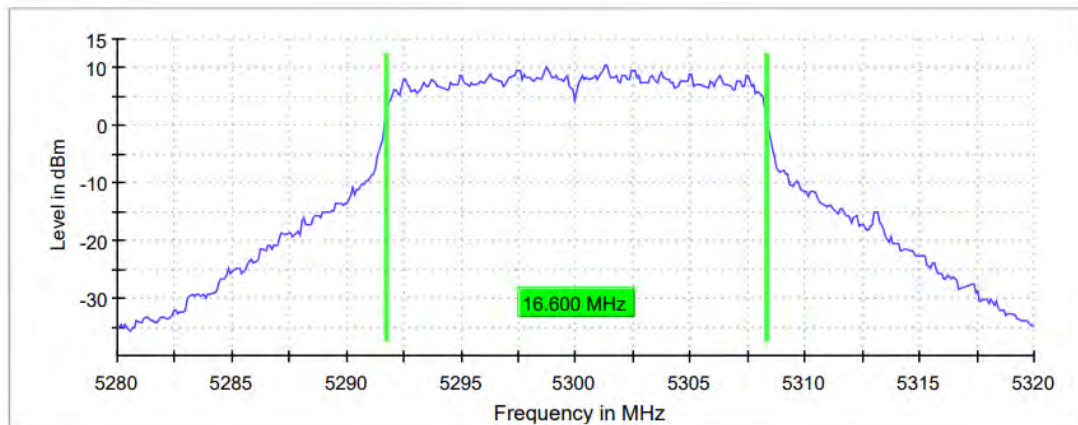
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11A_Ant0_5300

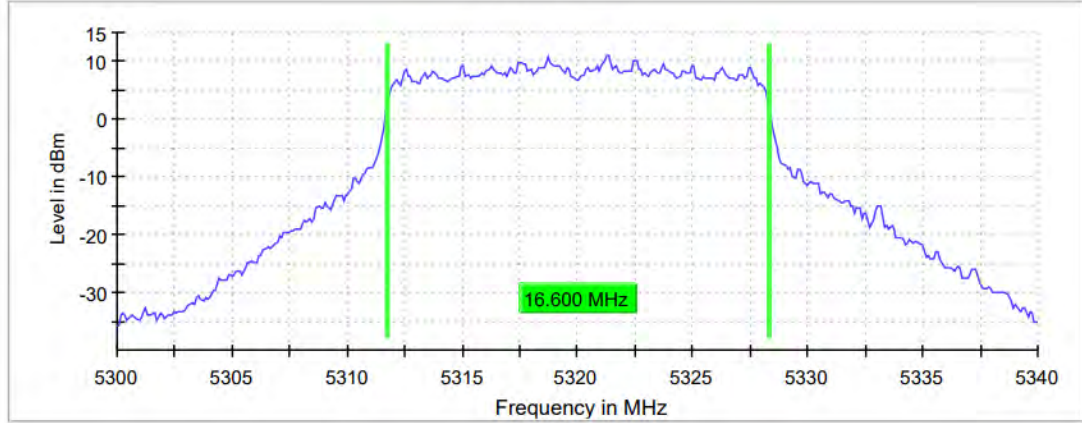
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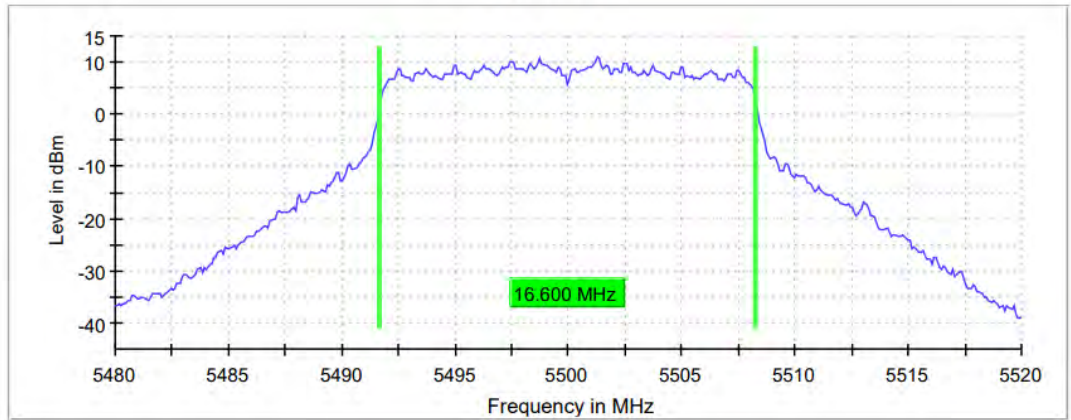
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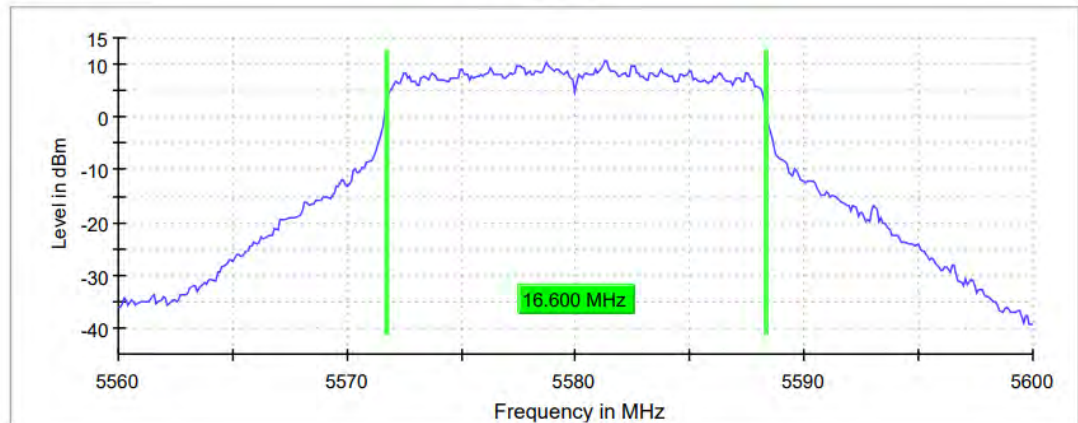
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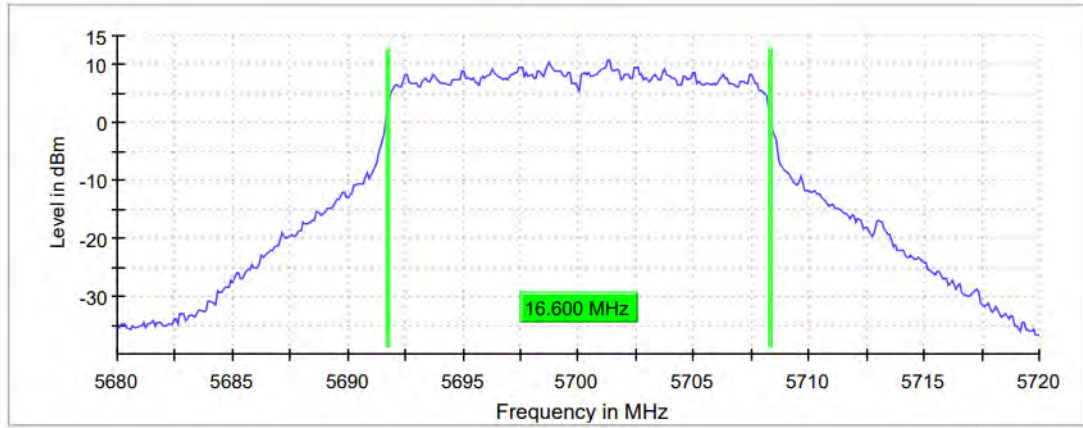
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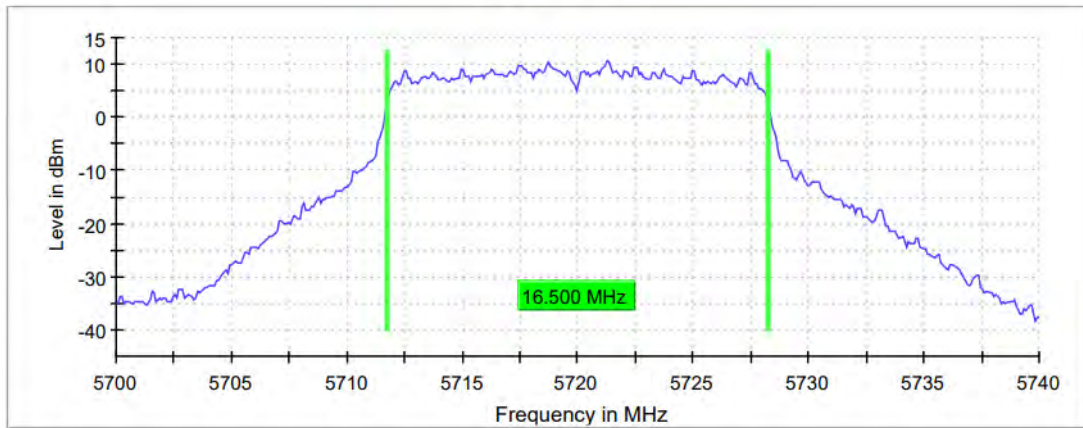
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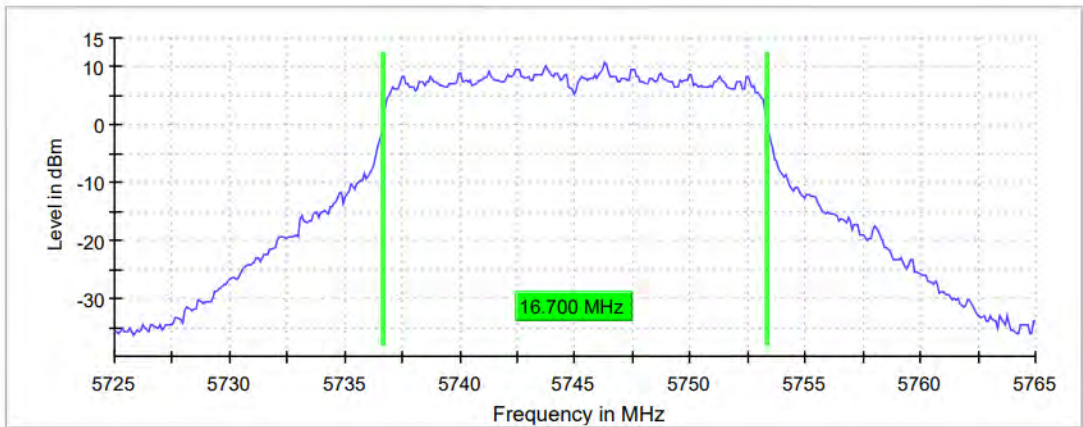
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11A_Ant0_5745

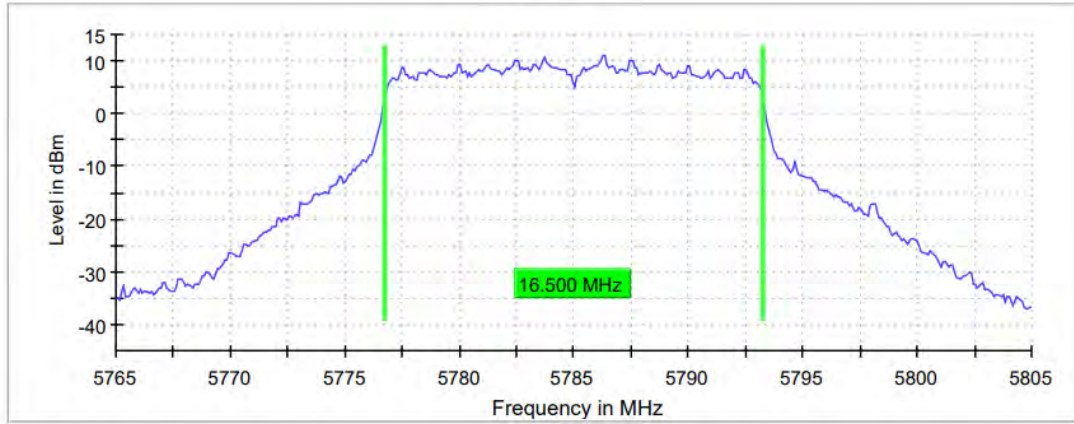
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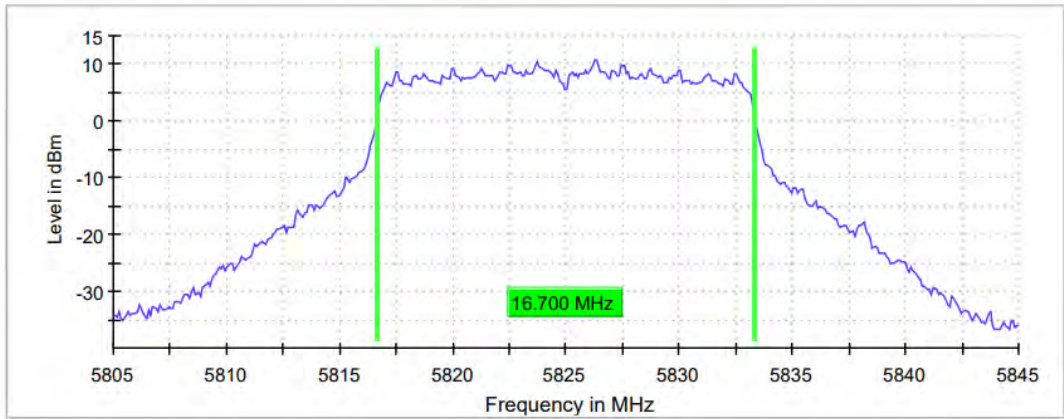
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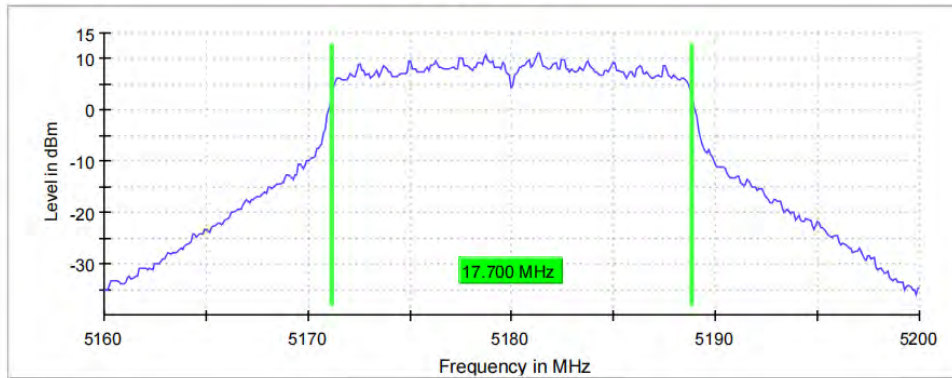
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11N20_Ant0_5180

99 % Bandwidth

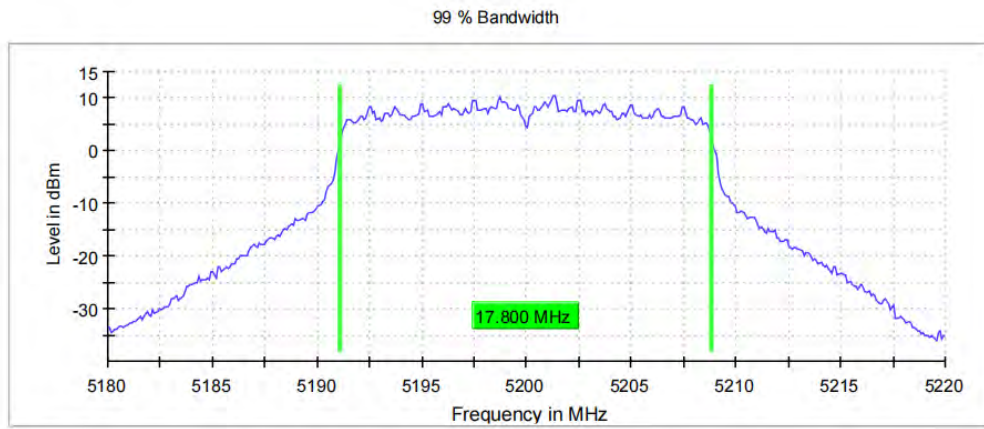




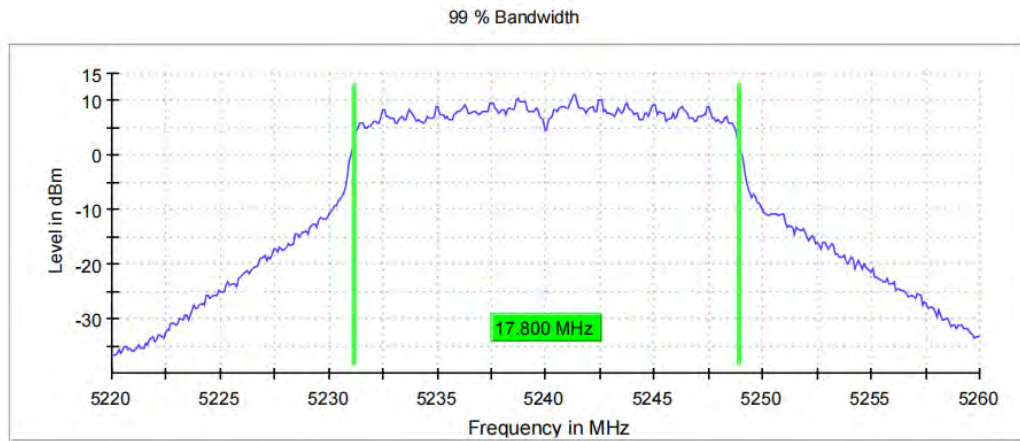
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Test Report No.: PSZ-NQN2303280110RF06

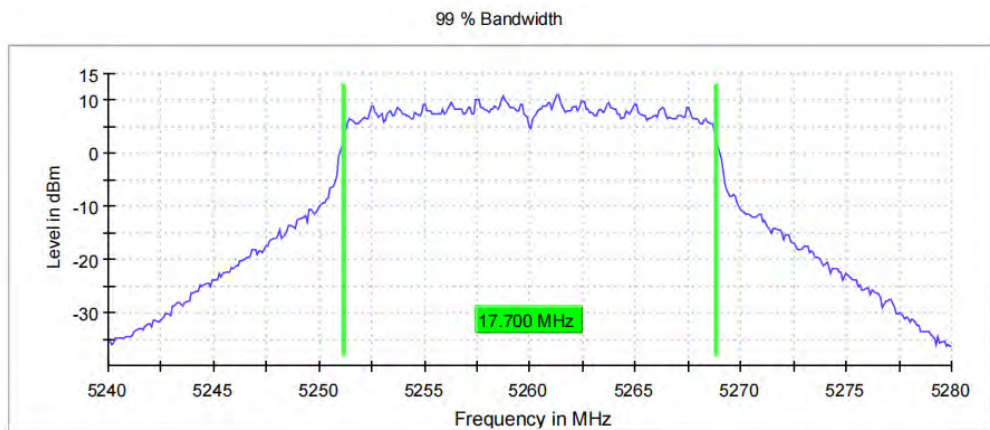
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11N20_Ant0_5240



11N20_Ant0_5260



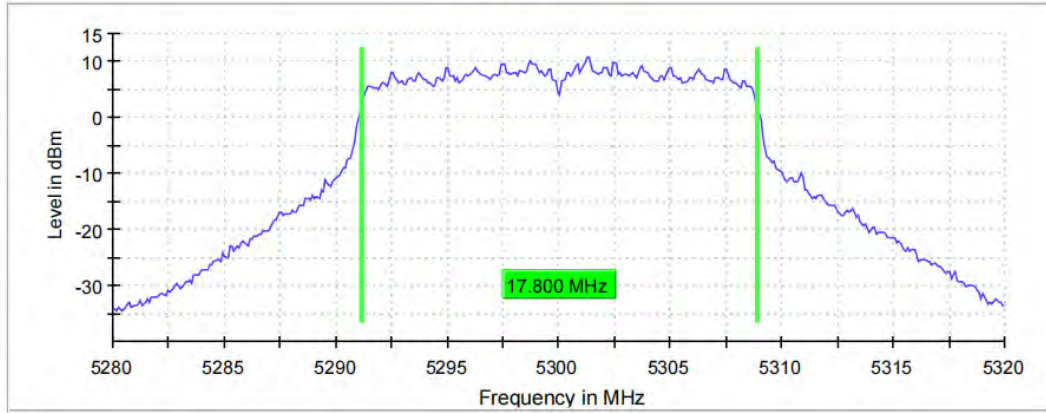


BUREAU
VERITAS

Test Report No.: PSZ-NQN2303280110RF06

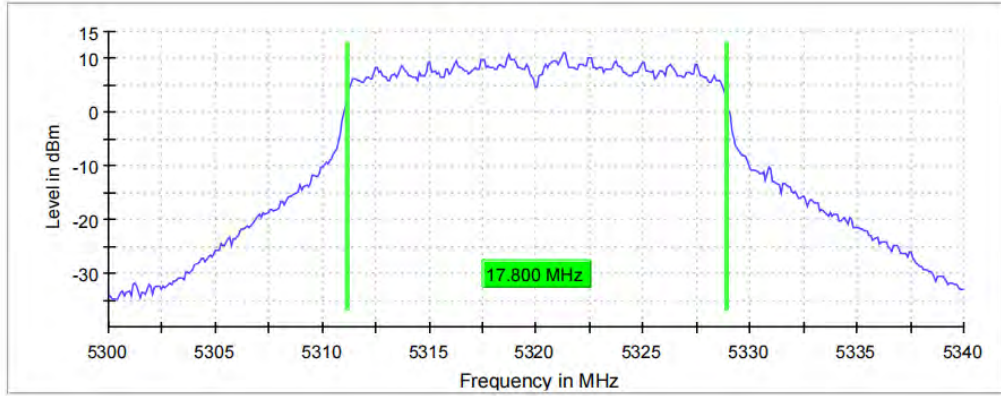
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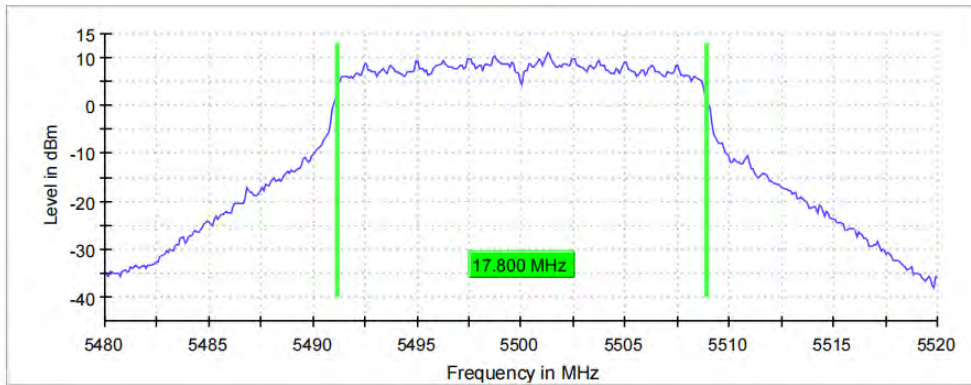
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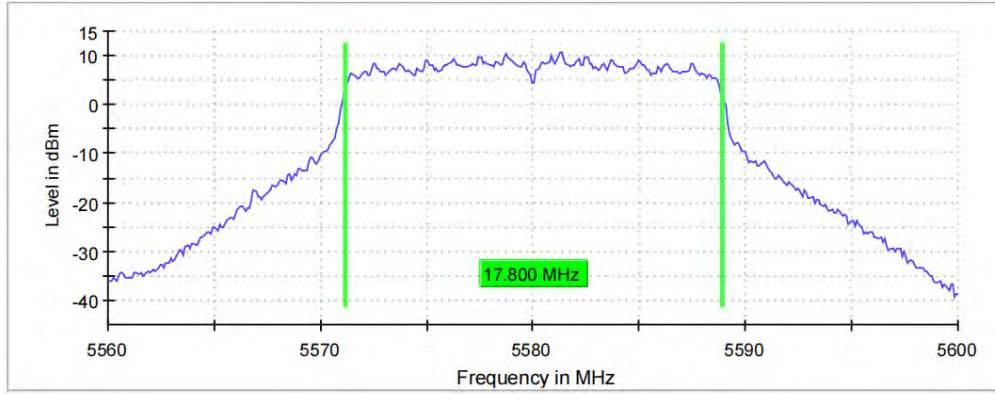
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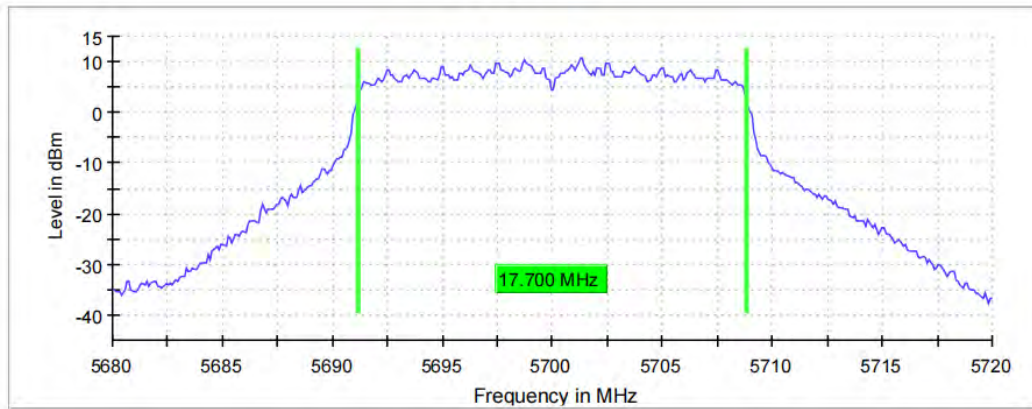
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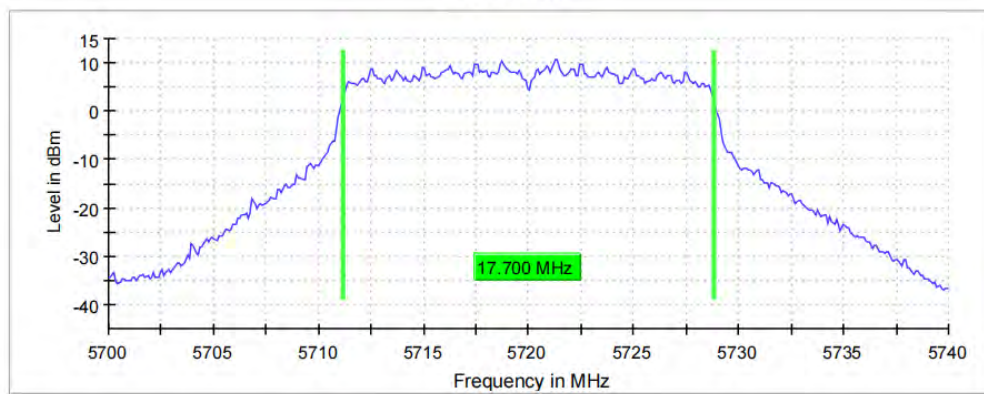
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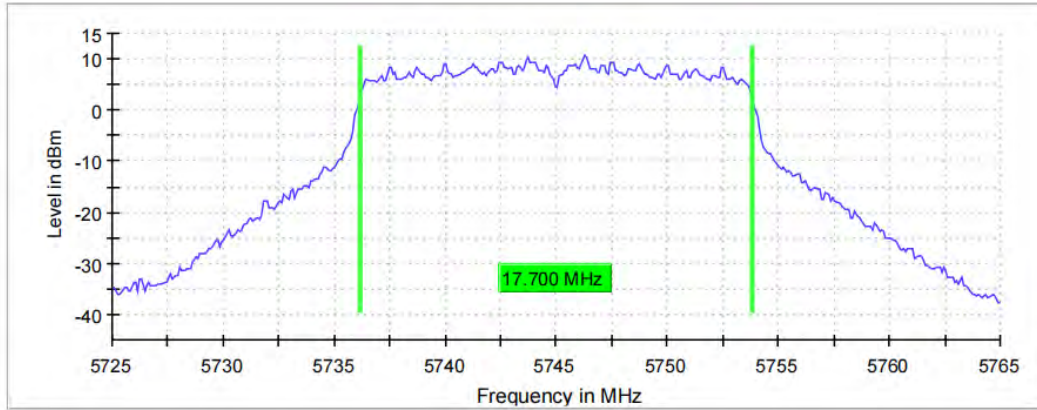
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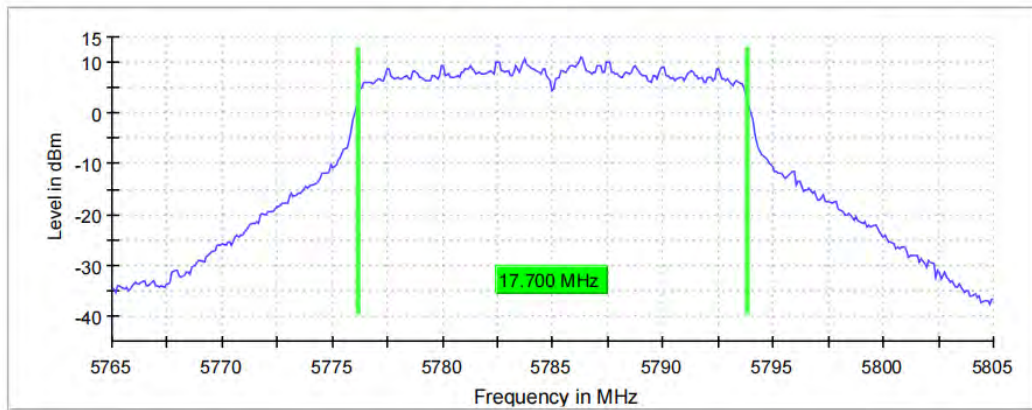
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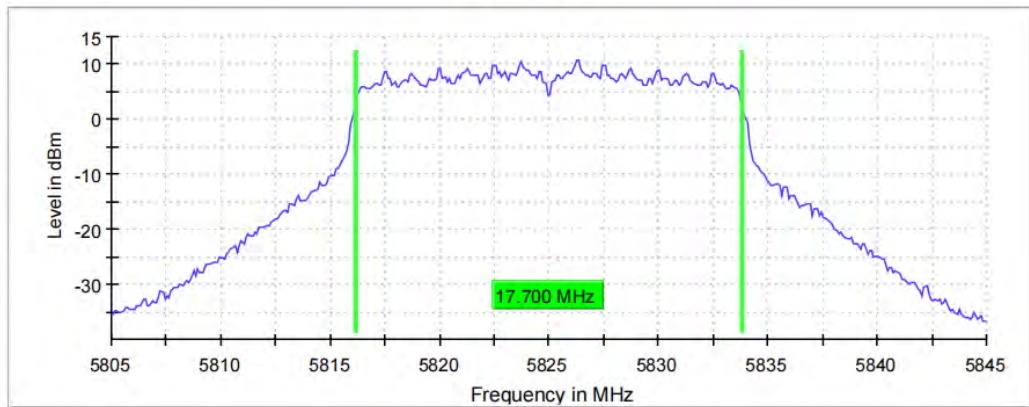
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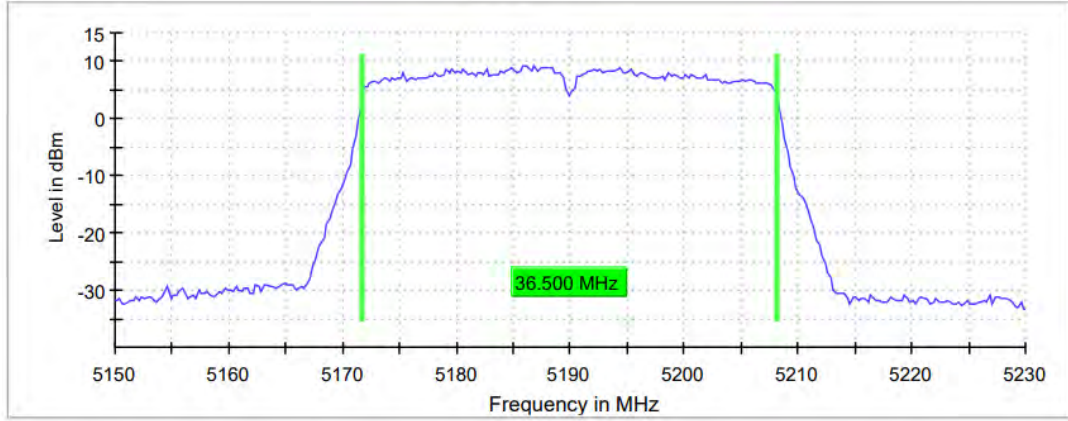
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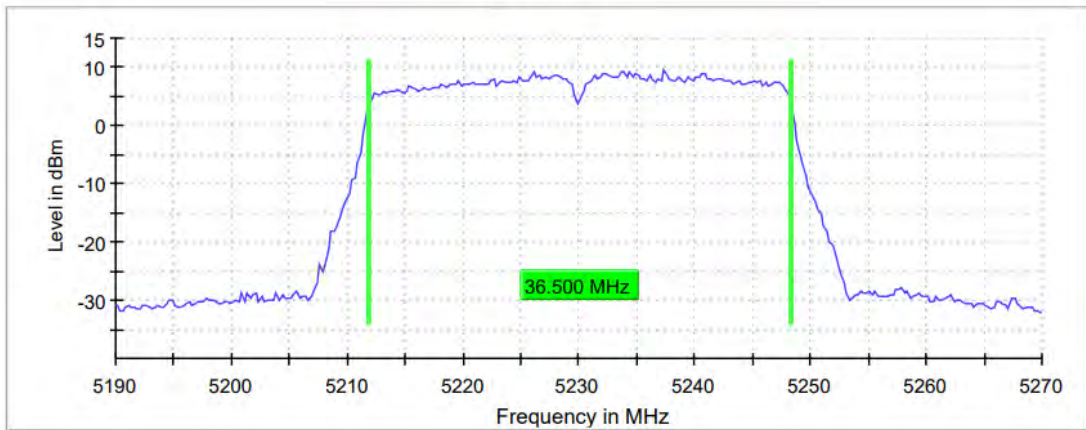
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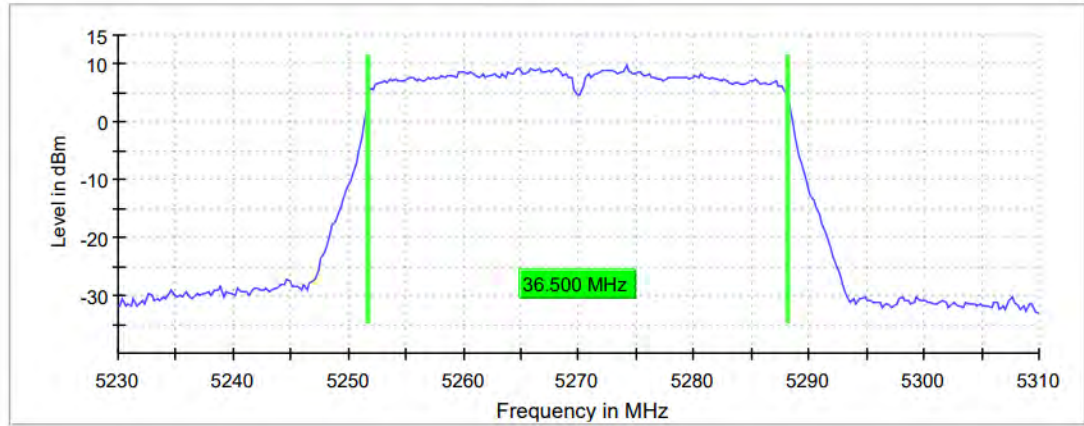
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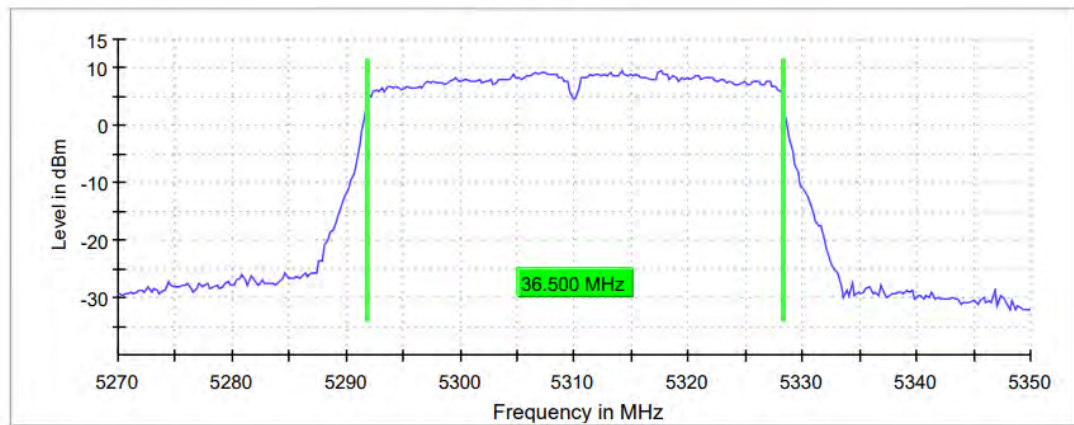
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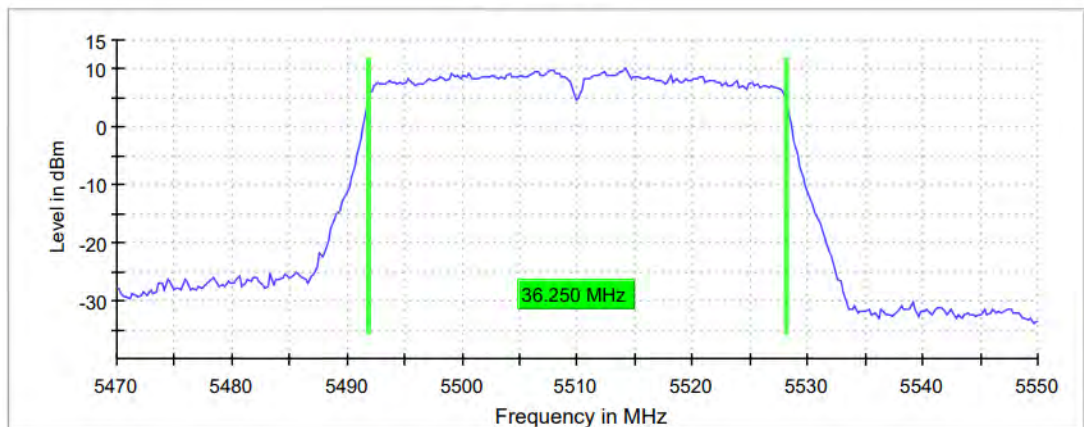
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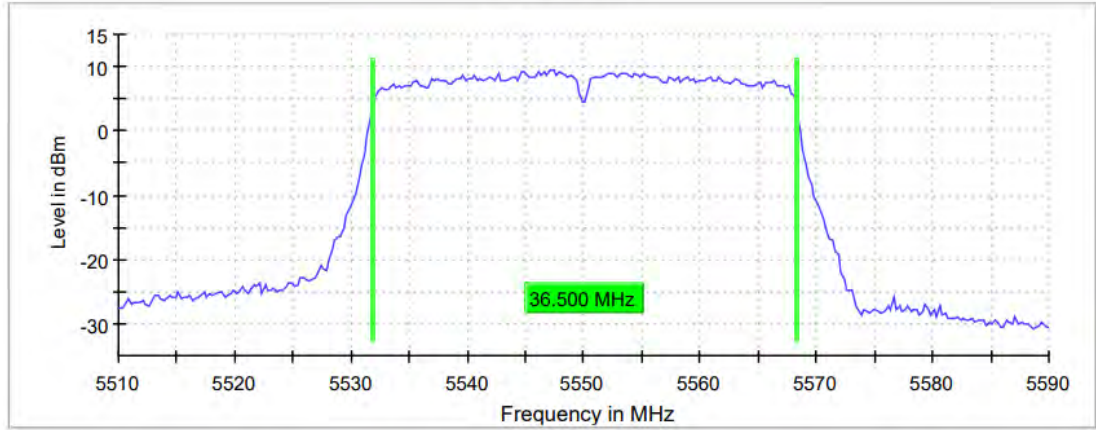
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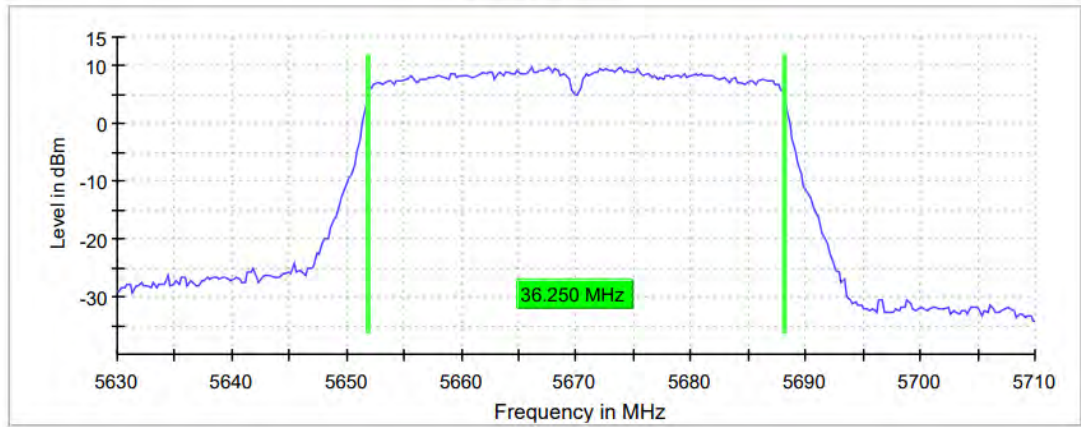
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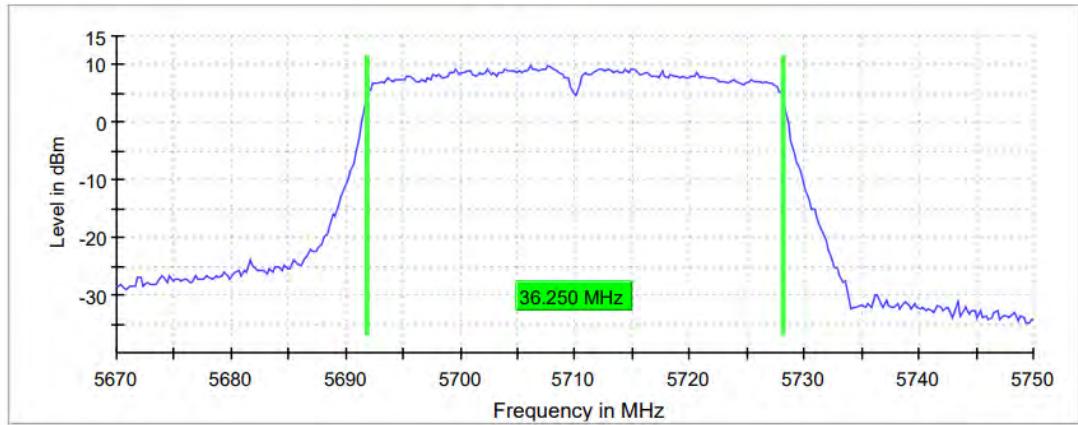
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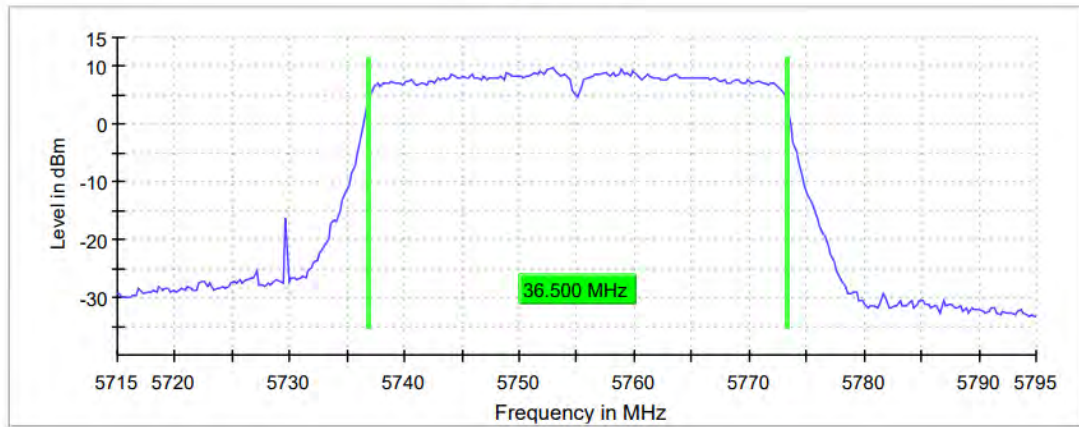
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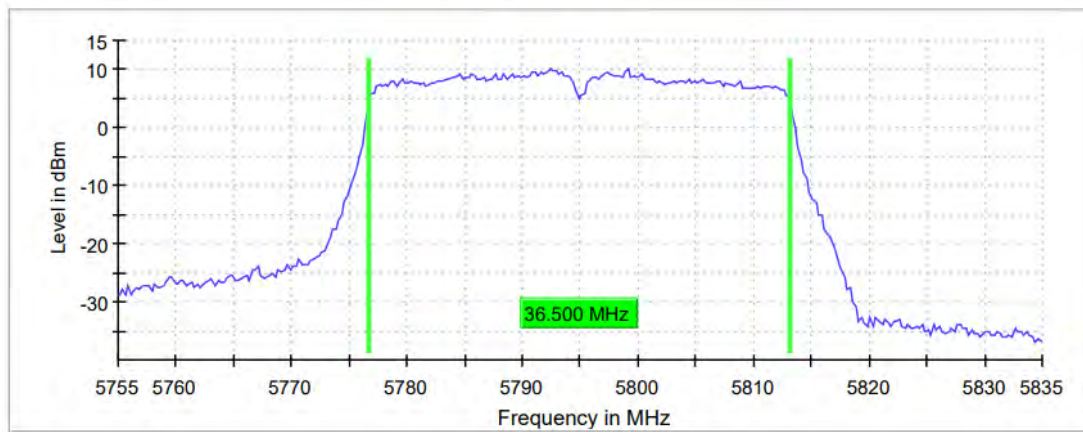
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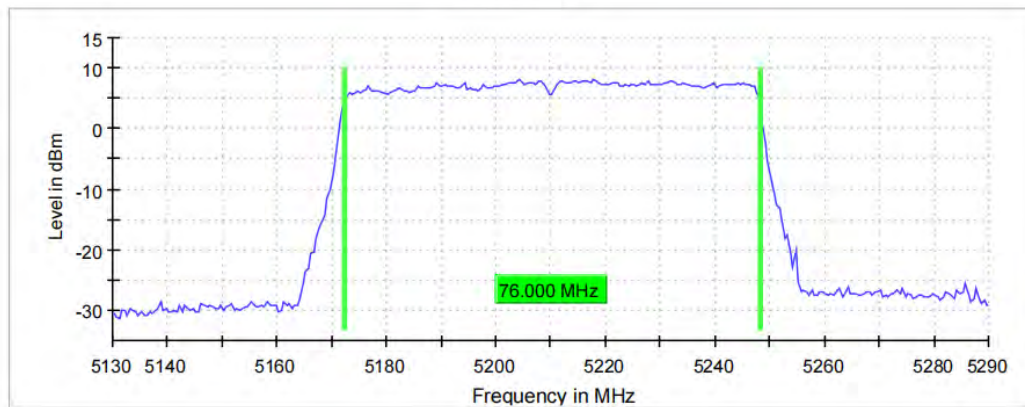
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99 % Bandwidth



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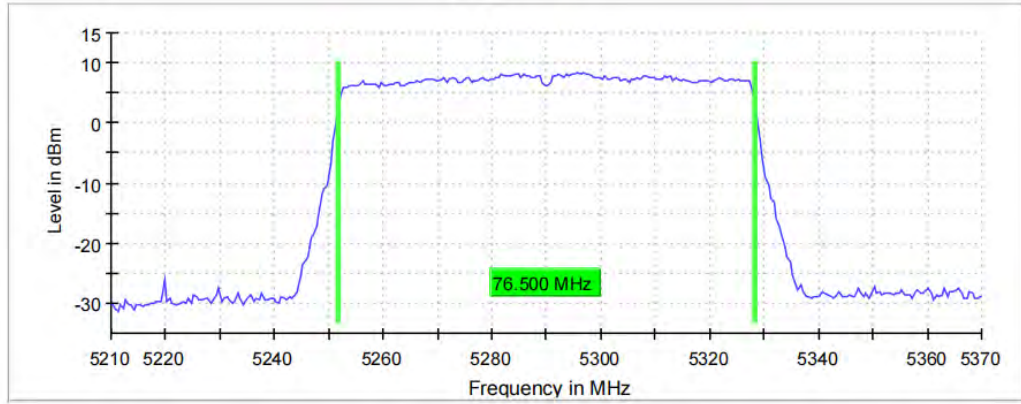
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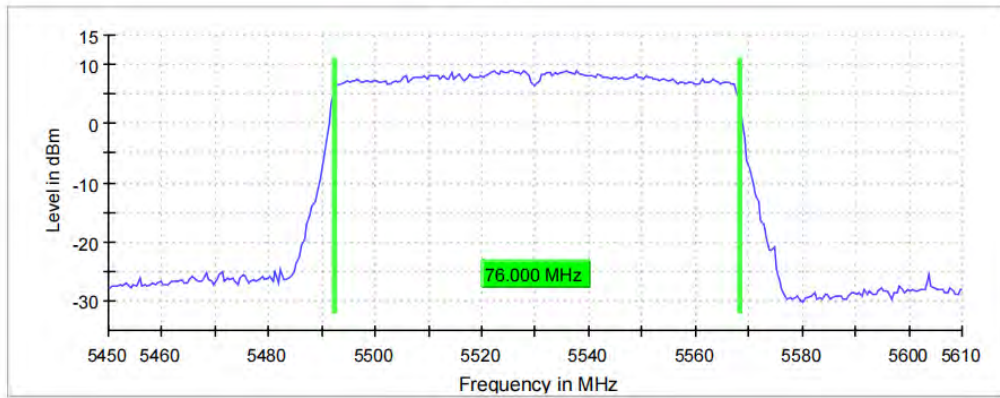
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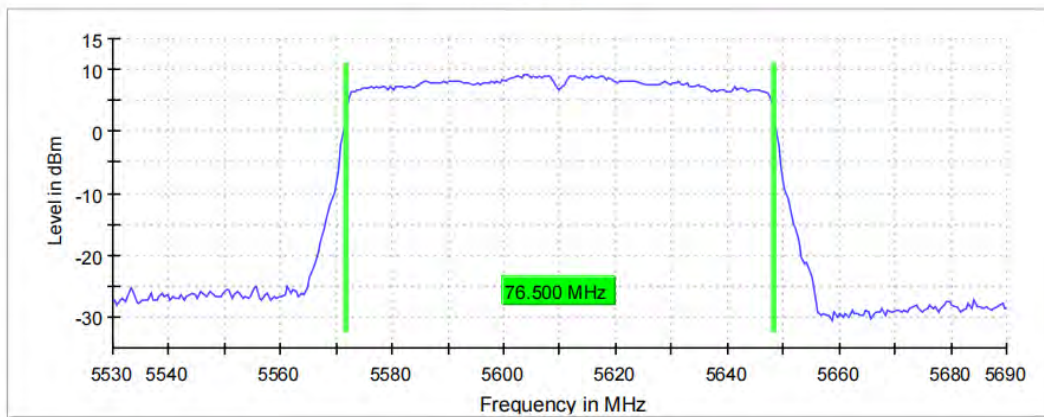
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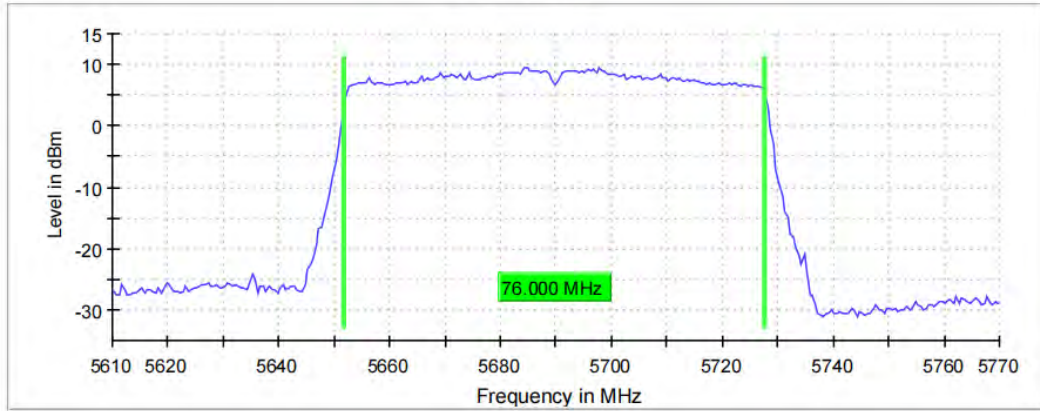
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11AC80_Ant0_5695

99 % Bandwidth



11AC80_Ant0_5775

99 % Bandwidth

