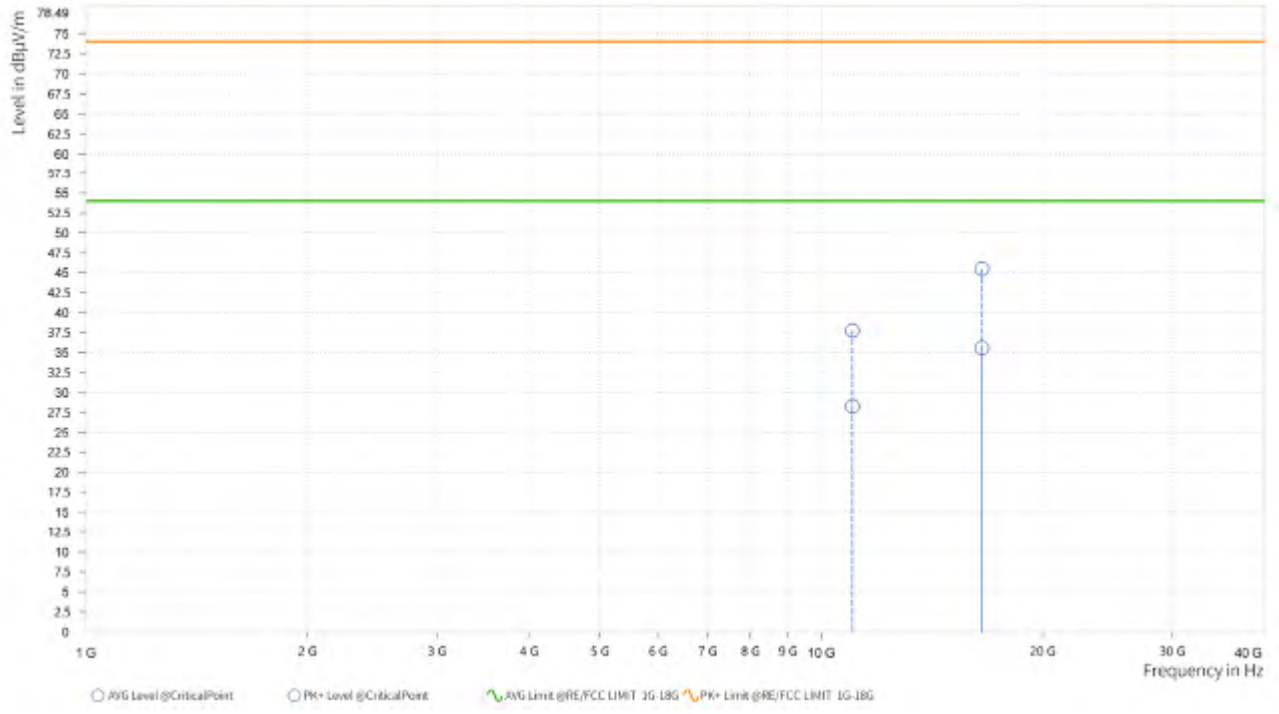
802.11n (40MHz)

CHANNEL	TX Channel 102	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

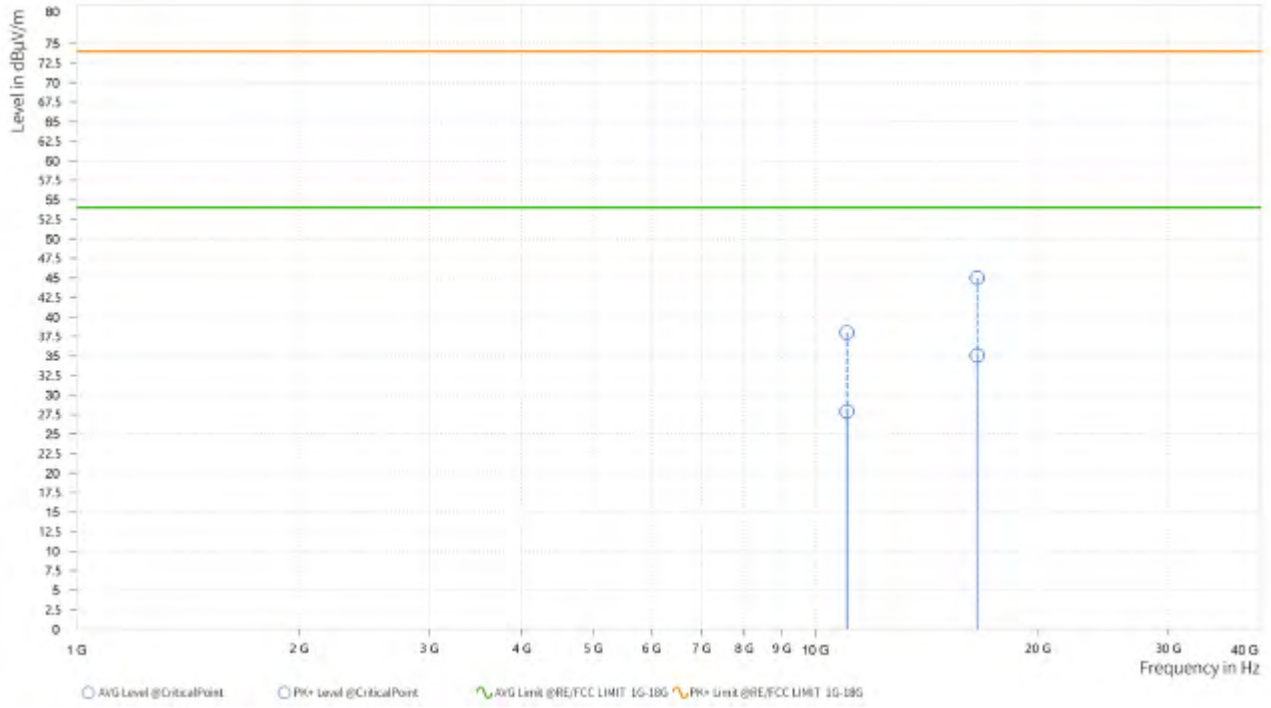
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,019.500	37.75	74.00	36.25	28.29	54.00	25.71	10.12	H	359.1	2
4	16,529.500	45.46	74.00	28.54	35.56	54.00	18.44	17.84	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]
4	11,021.000	38.00	74.00	36.00	27.88	54.00	26.12	10.13	V	359	1
4	16,531.500	44.98	74.00	29.02	35.07	54.00	18.93	17.87	V	359	2



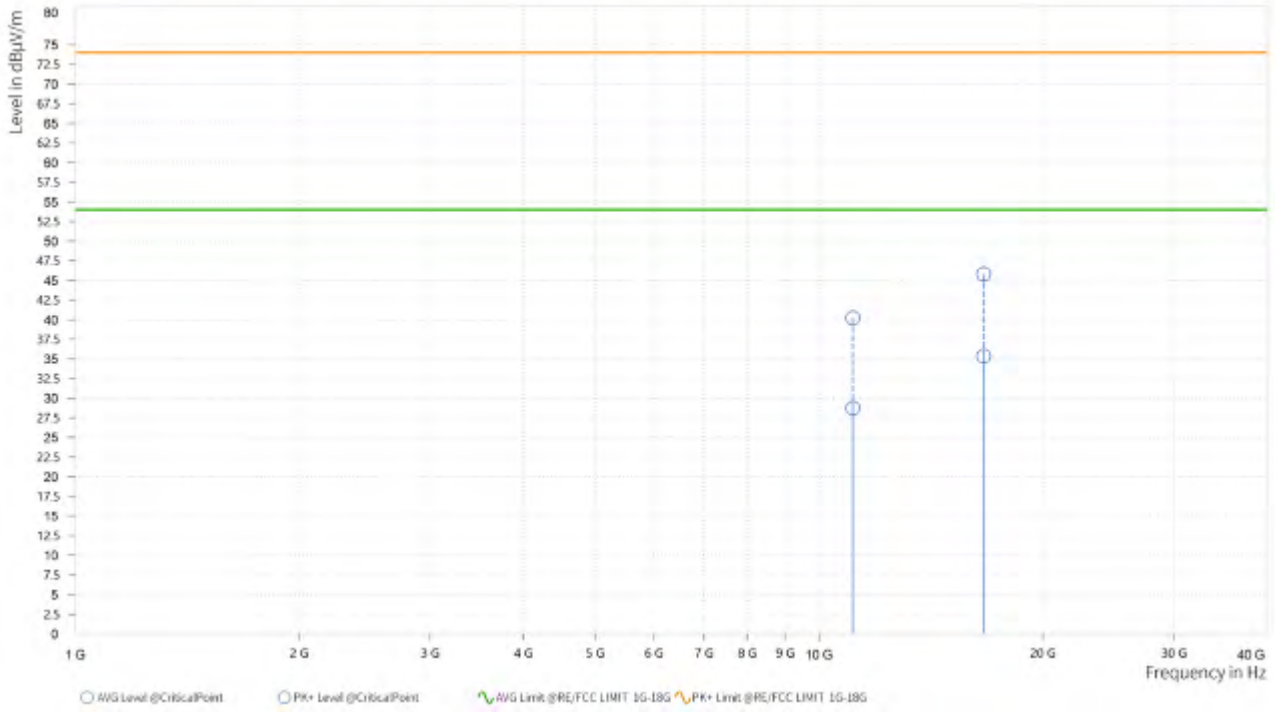
REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value- Emission level.
2. 5510MHz: Fundamental frequency.
3. #: Out of restricted band.

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

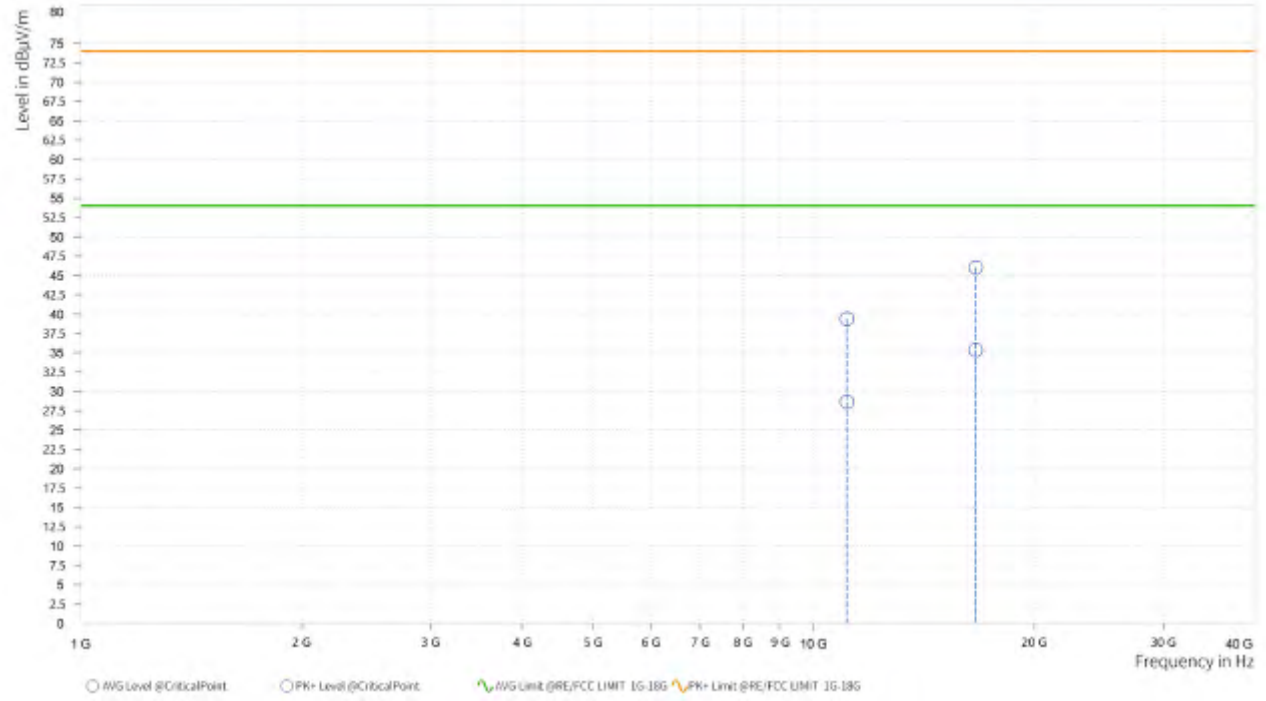
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,101.500	40.22	74.00	33.78	28.75	54.00	25.25	10.30	H	359.1	2
4	16,649.500	45.78	74.00	28.22	35.36	54.00	18.64	18.95	H	358.5	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]
4	11,101.000	39.37	74.00	34.63	28.63	54.00	25.37	10.30	V	359.1	2
4	16,651.000	46.04	74.00	27.96	35.36	54.00	18.64	18.95	V	358.7	2



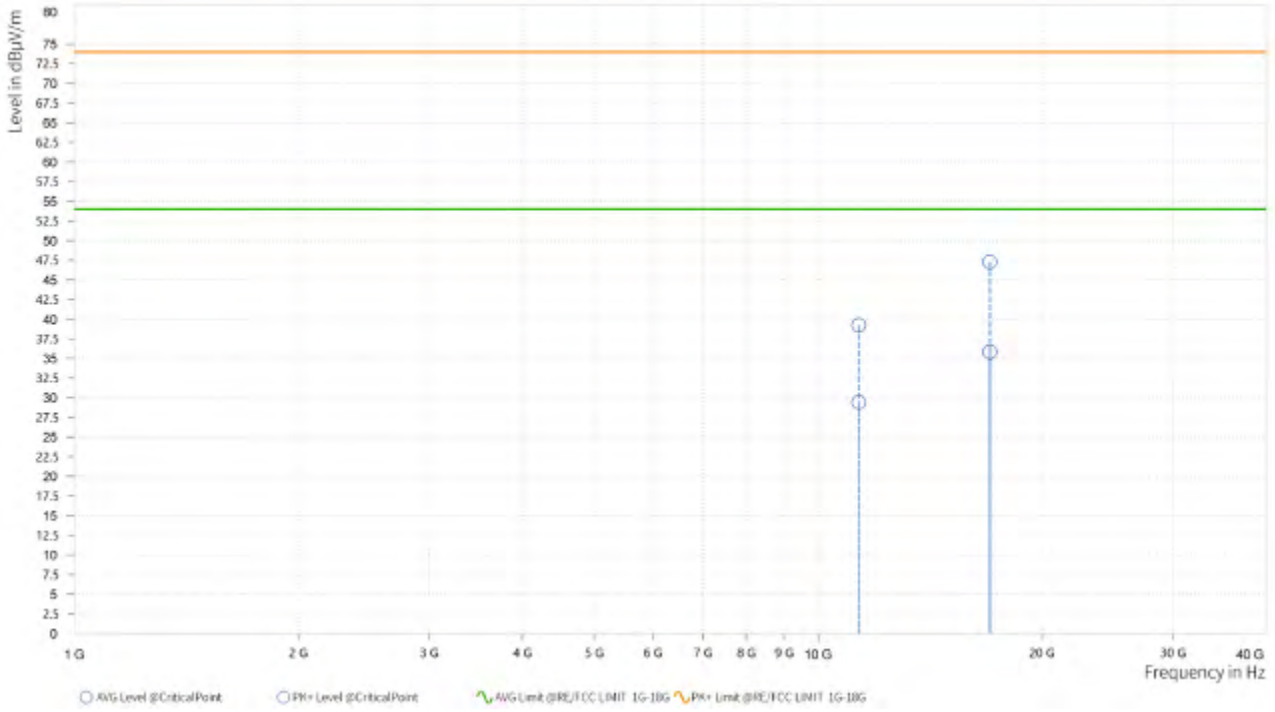
REMARKS:

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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

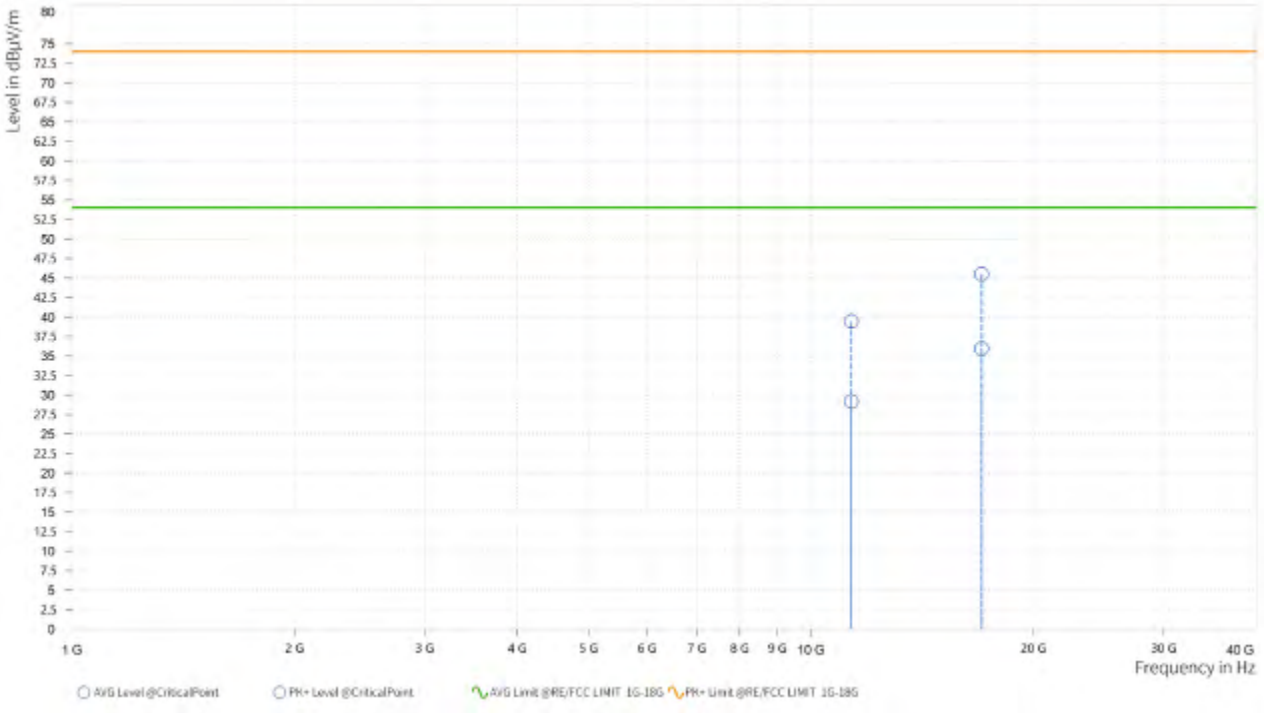
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,339.500	39.23	74.00	34.77	29.45	54.00	24.55	11.41	H	359	2
4	17,009.500	47.27	74.00	26.73	35.81	54.00	18.19	19.81	H	1	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]
4	11,342.000	39.45	74.00	34.55	29.16	54.00	24.84	11.44	V	358.4	2
4	17,011.500	45.49	74.00	28.51	35.96	54.00	18.04	19.82	V	359	2



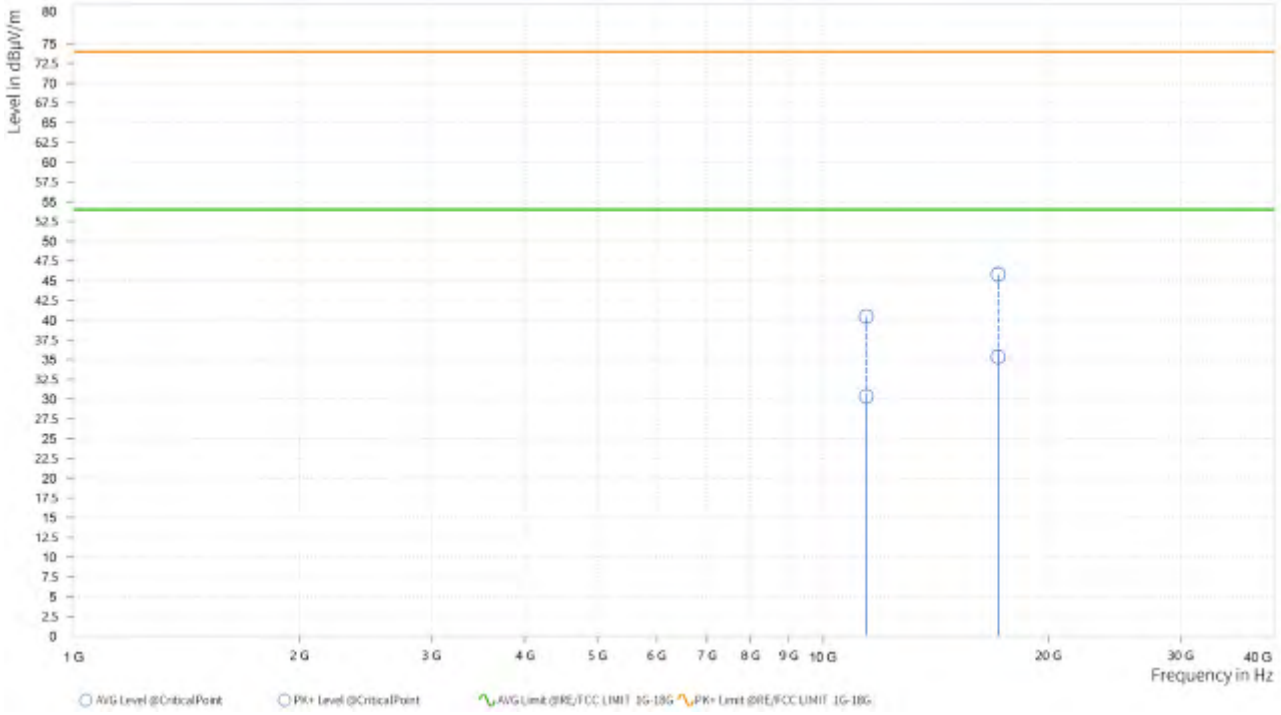
REMARKS:

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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

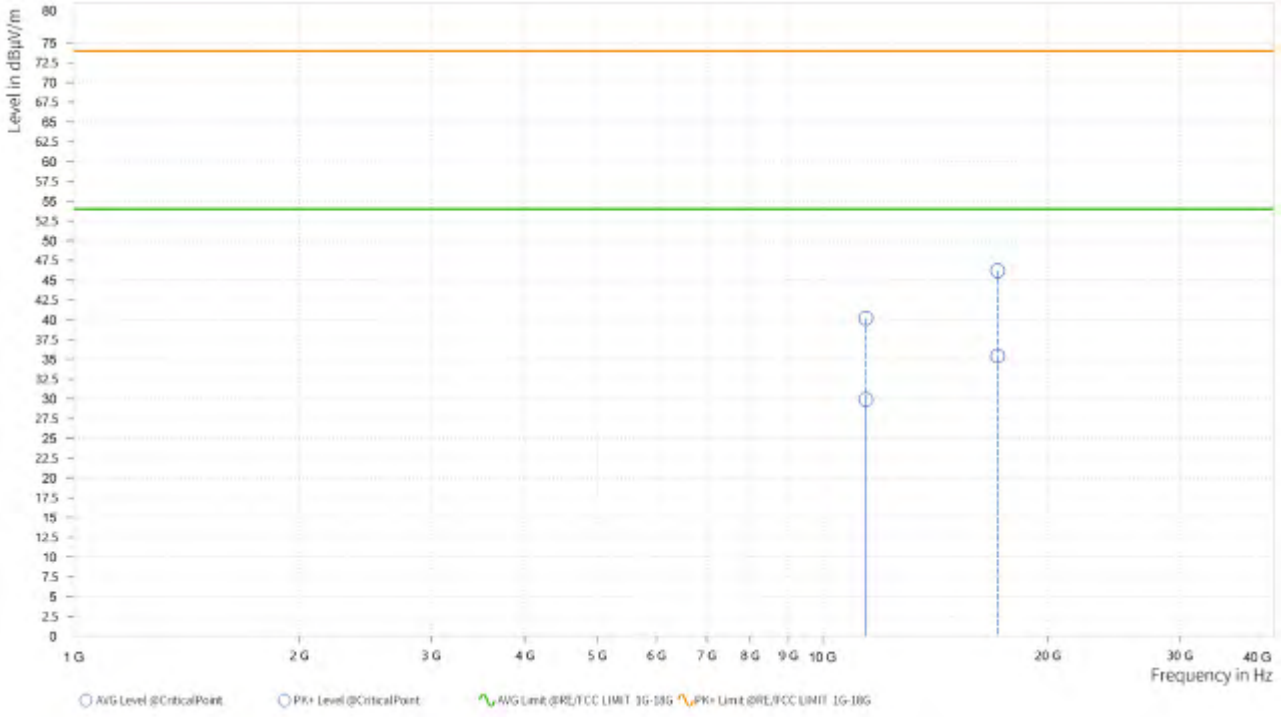
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,420.000	40.44	74.00	33.56	30.34	54.00	23.66	12.32	H	359.1	2
4	17,131.000	45.78	74.00	28.22	35.34	54.00	18.66	20.10	H	359.1	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]
4	11,422.000	40.18	74.00	33.82	29.91	54.00	24.09	12.32	V	359.1	2
4	17,132.000	46.18	74.00	27.82	35.41	54.00	18.59	20.11	V	358.5	2



REMARKS:

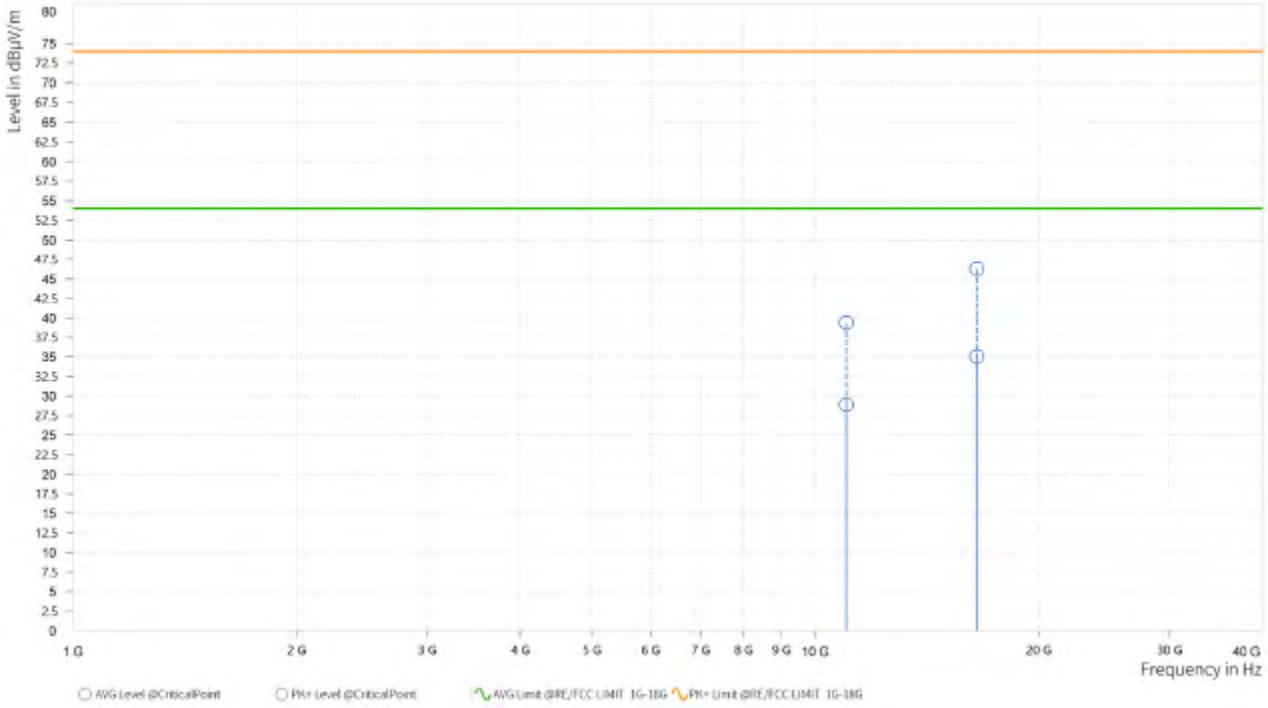
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value- Emission level.
2. 5710MHz: Fundamental frequency.
3. #: Out of restricted band.

802.11ac (20MHz)

CHANNEL	TX Channel 100	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

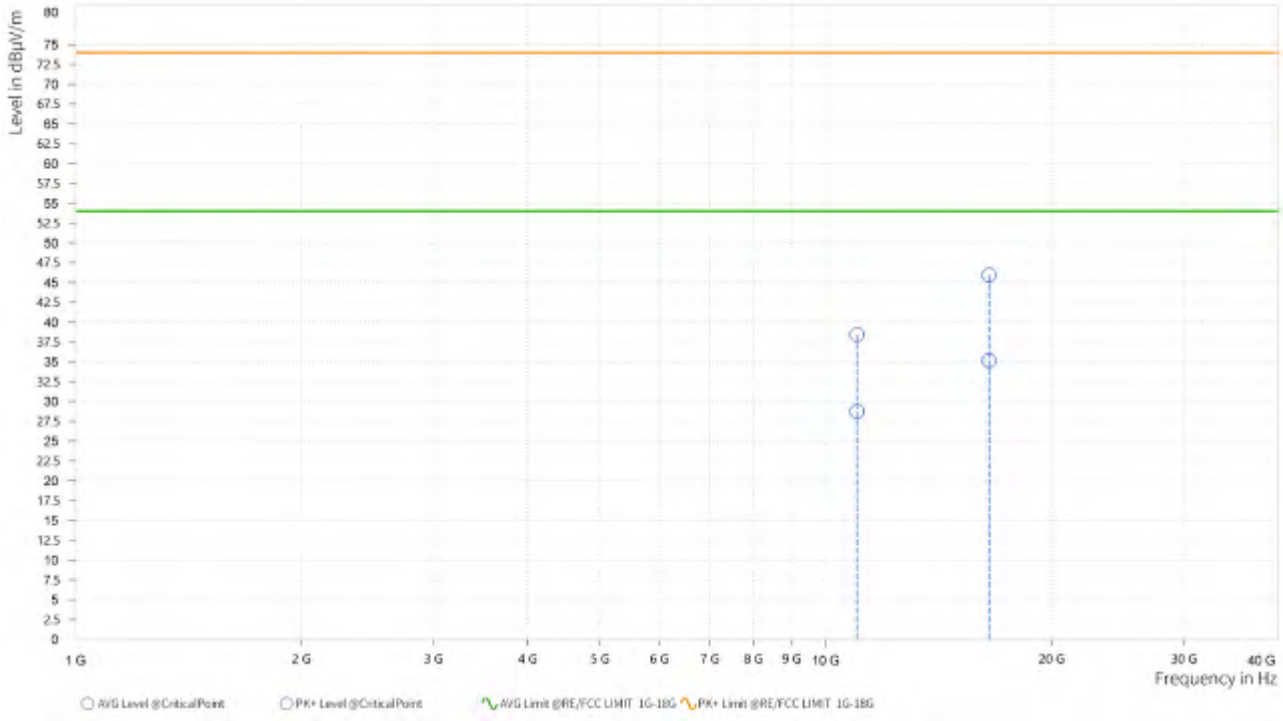
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	10,999.500	39.39	74.00	34.61	28.89	54.00	25.11	10.12	H	1	2
4	16,501.500	46.28	74.00	27.72	35.05	54.00	18.95	17.53	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]
4	10,999.000	38.41	74.00	35.59	28.73	54.00	25.27	10.12	V	358.5	2
4	16,500.500	45.92	74.00	28.08	35.14	54.00	18.86	17.52	V	1	2



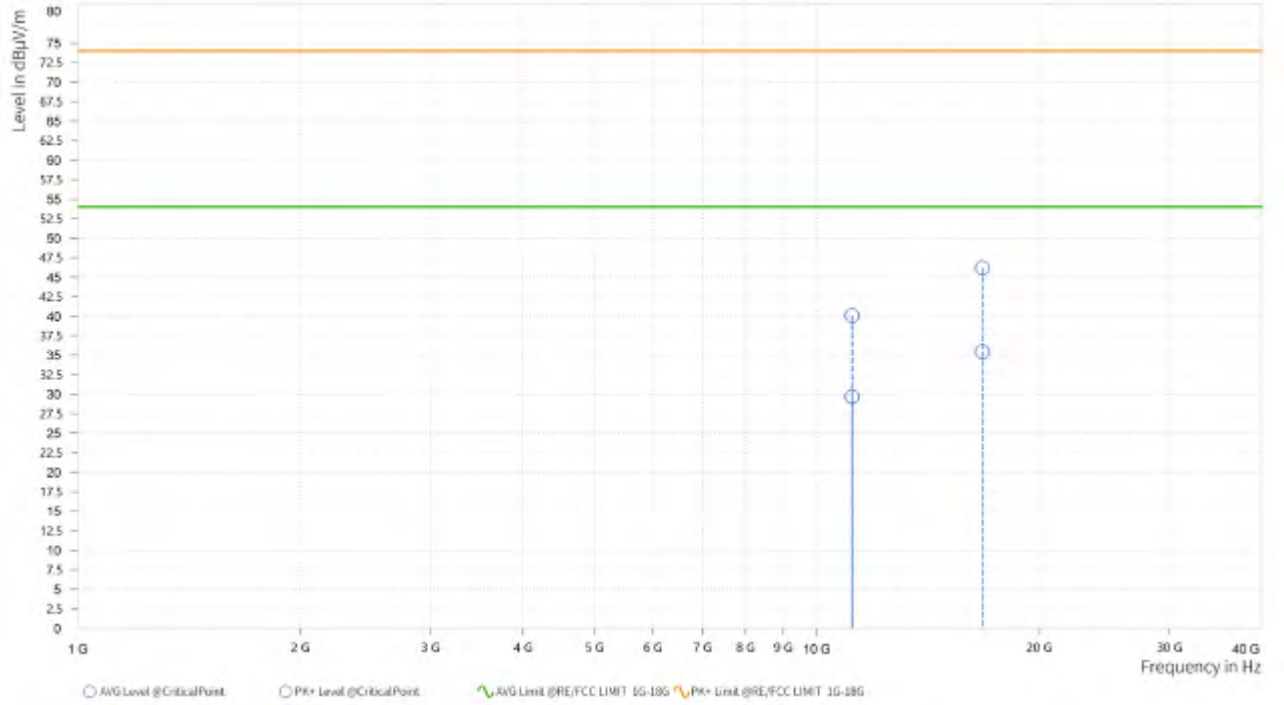
REMARKS:

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 116	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

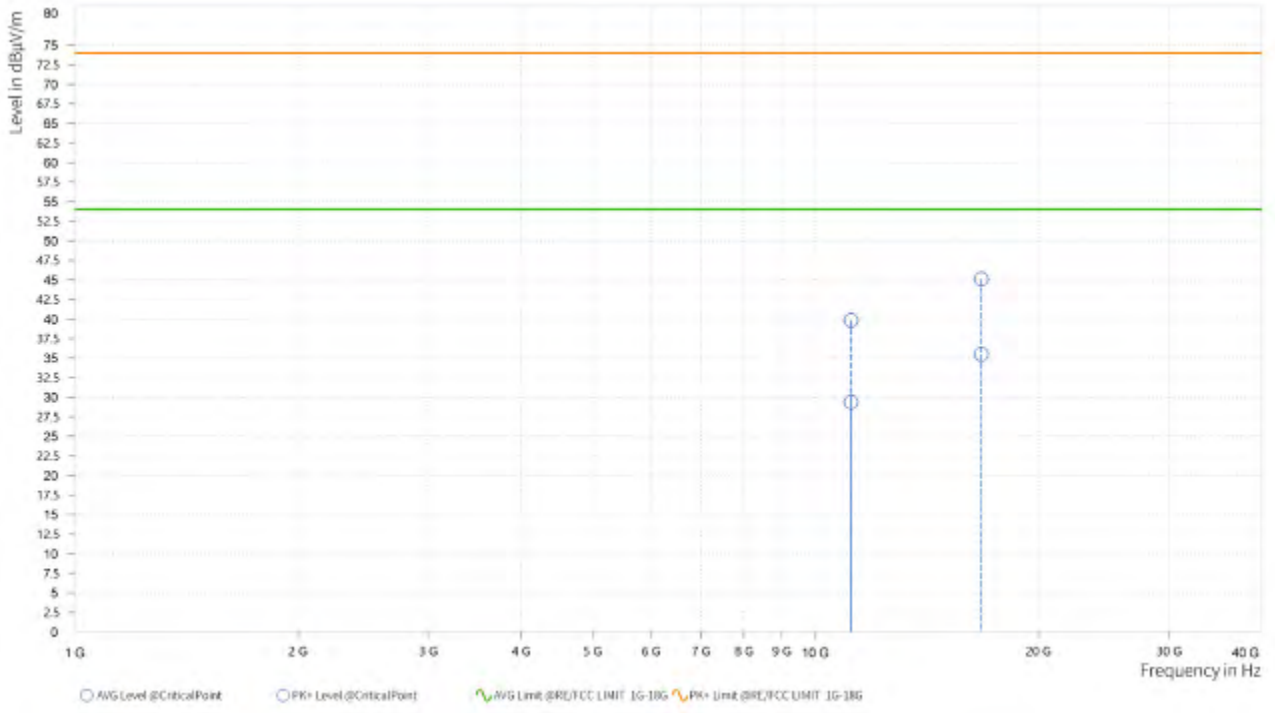
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,159.500	40.07	74.00	33.93	29.69	54.00	24.31	10.58	H	359.1	2
4	16,740.000	46.20	74.00	27.80	35.45	54.00	18.55	19.05	H	359.1	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]
4	11,161.000	39.80	74.00	34.20	29.38	54.00	24.62	10.59	V	358.2	2
4	16,741.000	45.13	74.00	28.87	35.48	54.00	18.52	19.05	V	359	2



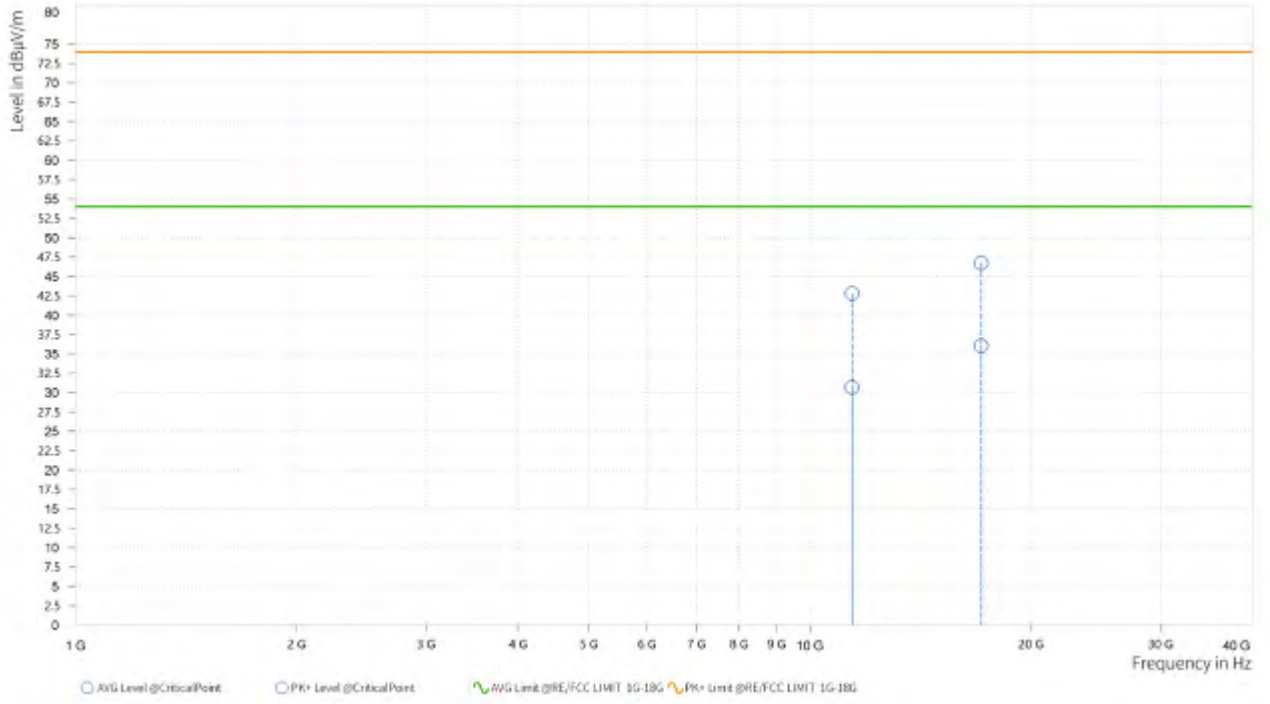
REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value- Emission level.
2. 5580MHz: Fundamental frequency.
3. #: Out of restricted band.

CHANNEL	TX Channel 140	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

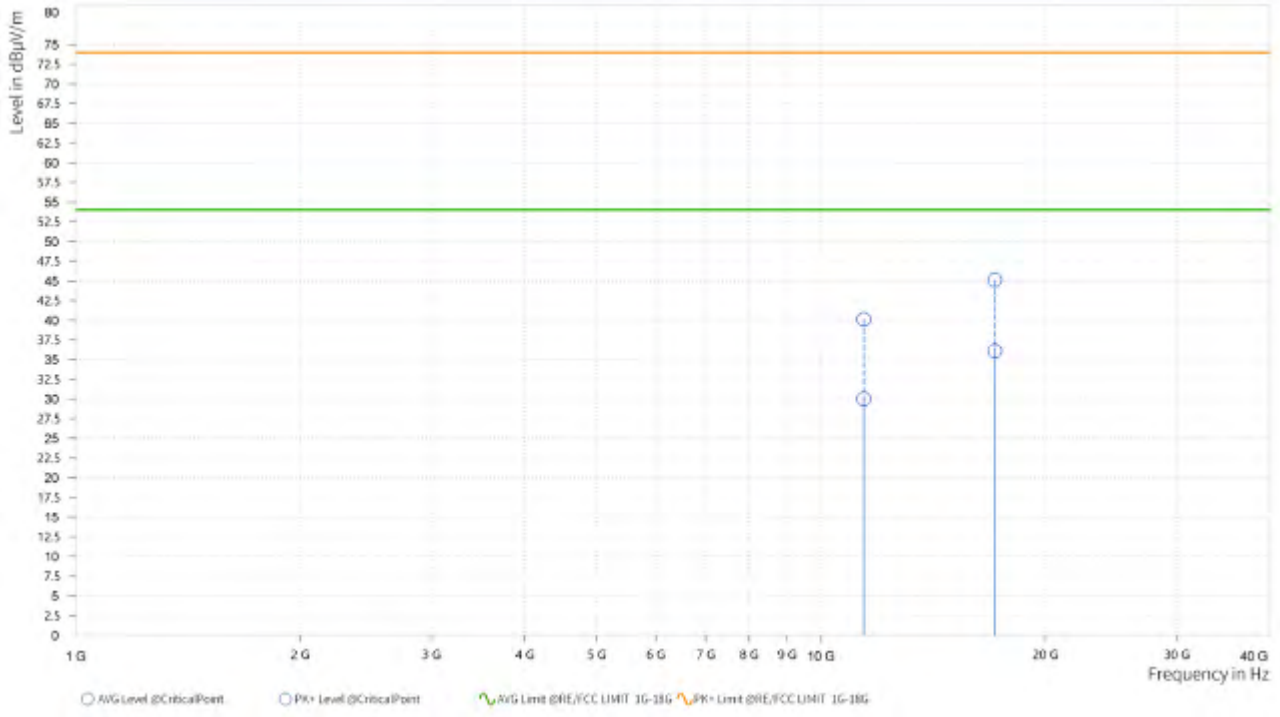
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,401.000	42.82	74.00	31.18	30.69	54.00	23.31	12.11	H	359	2
4	17,103.500	46.75	74.00	27.25	36.05	54.00	17.95	20.18	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]
4	11,402.500	40.12	74.00	33.88	30.02	54.00	23.98	12.13	V	359.1	2
4	17,100.500	45.12	74.00	28.88	36.10	54.00	17.90	20.19	V	1	2



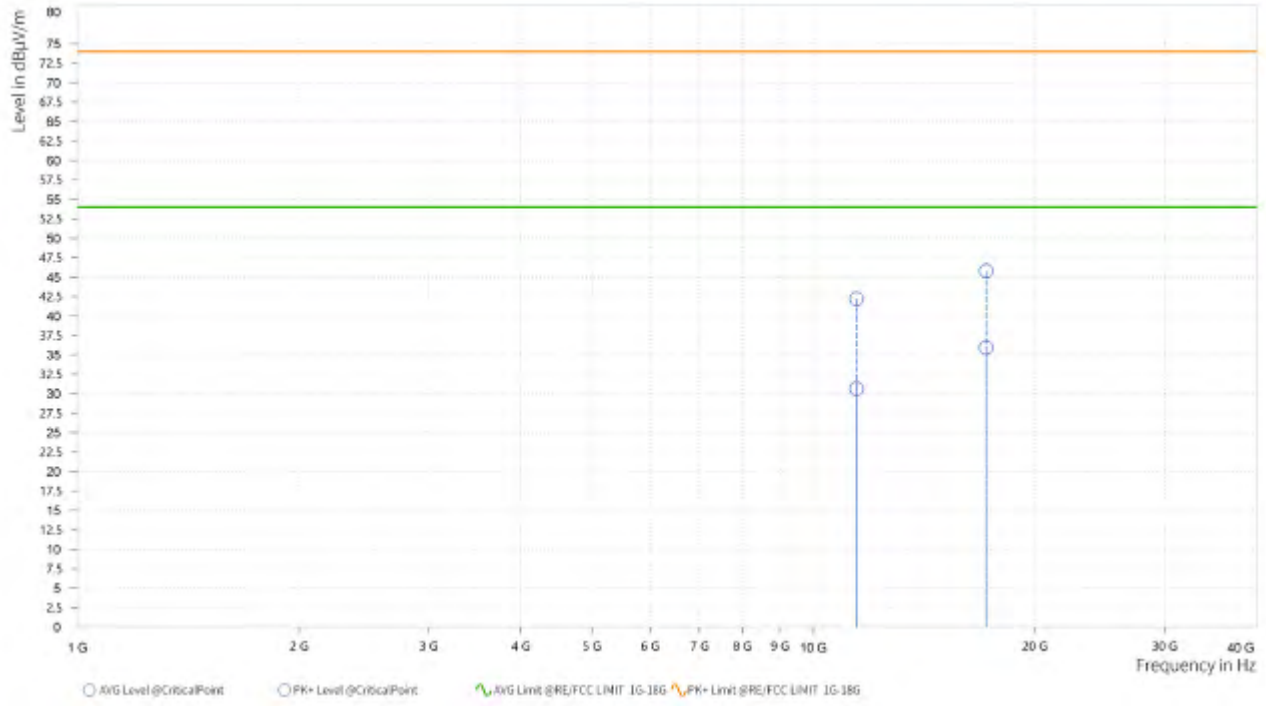
REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value- Emission level.
2. 5700MHz: Fundamental frequency.
3. #: Out of restricted band.

CHANNEL	TX Channel 144	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

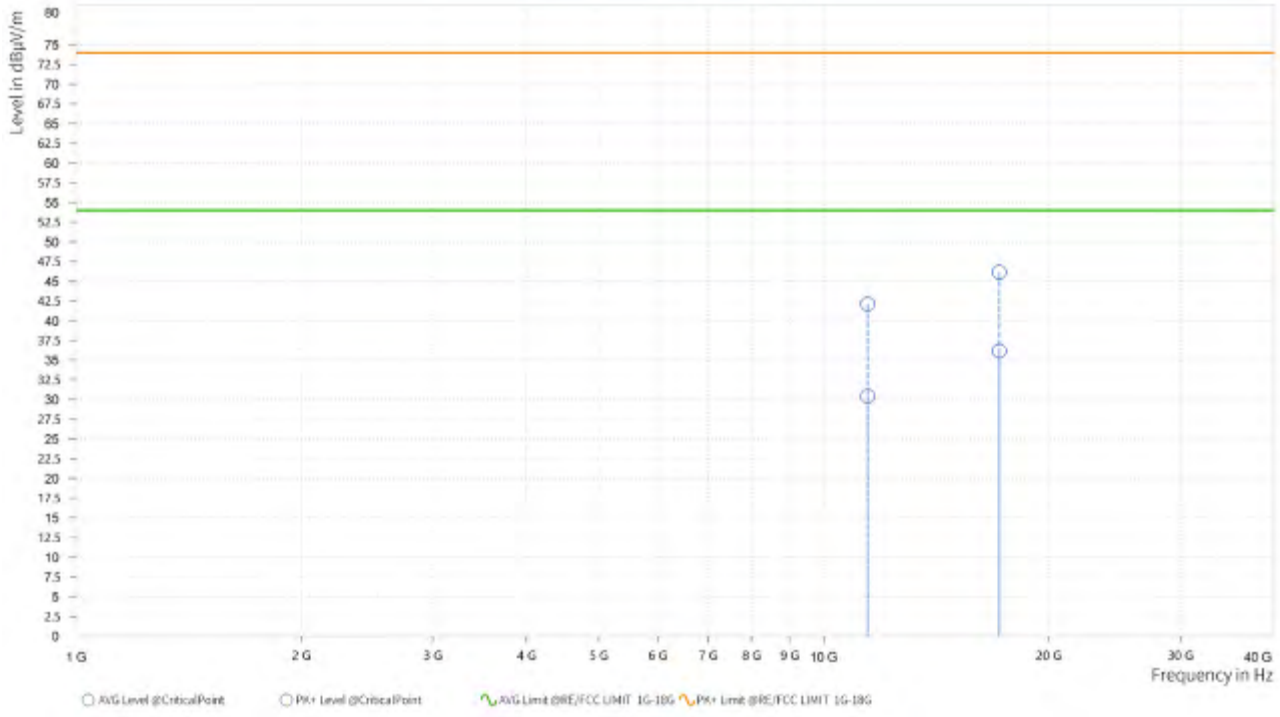
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,441.500	42.21	74.00	31.79	30.65	54.00	23.35	12.38	H	358.3	2
4	17,161.500	45.78	74.00	28.22	35.91	54.00	18.09	20.29	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]
4	11,439.000	42.09	74.00	31.91	30.46	54.00	23.54	12.37	V	359.1	2
4	17,161.500	46.16	74.00	27.84	36.15	54.00	17.85	20.29	V	1	2



REMARKS:

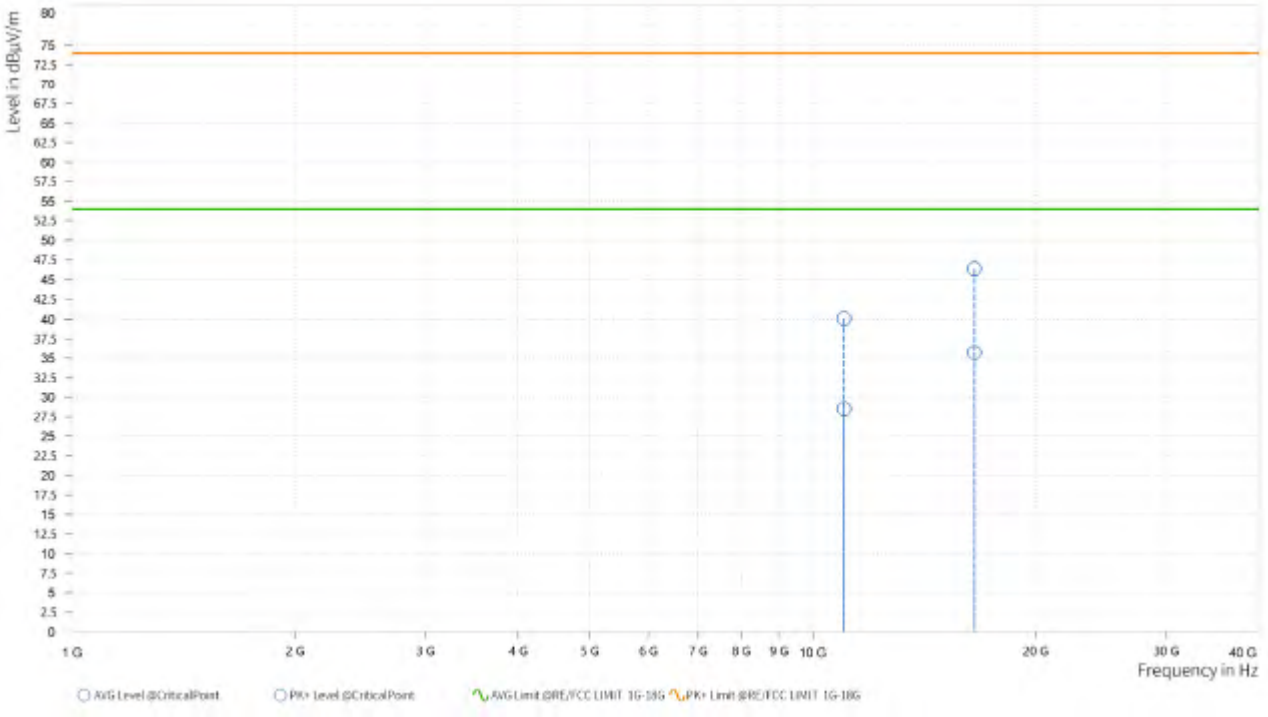
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value- Emission level.
2. 5720MHz: Fundamental frequency.
3. #: Out of restricted band.

802.11ac (40MHz)

CHANNEL	TX Channel 102	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

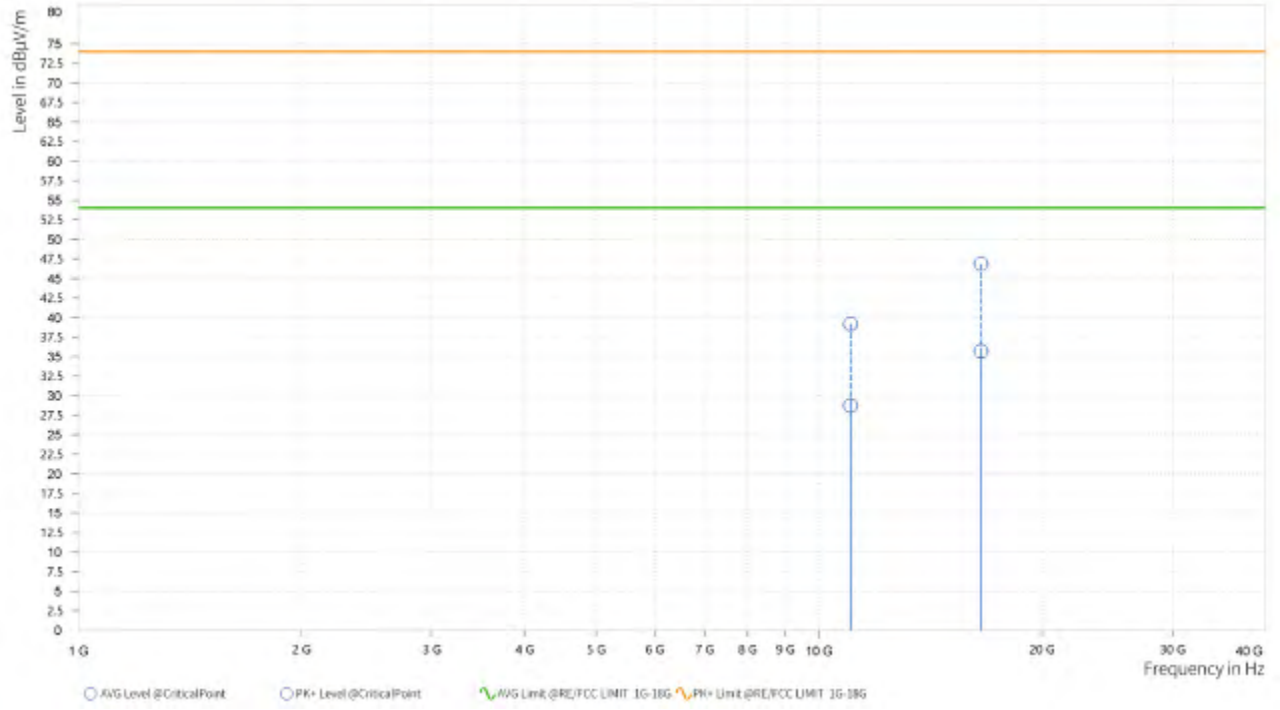
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,020.500	40.07	74.00	33.93	28.51	54.00	25.49	10.13	V	1	2
4	16,529.500	46.35	74.00	27.65	35.71	54.00	18.29	17.84	V	359	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]
4	11,020.000	39.17	74.00	34.83	28.75	54.00	25.25	10.13	H	359	1
4	16,530.000	46.85	74.00	27.15	35.68	54.00	18.32	17.85	H	1.8	2



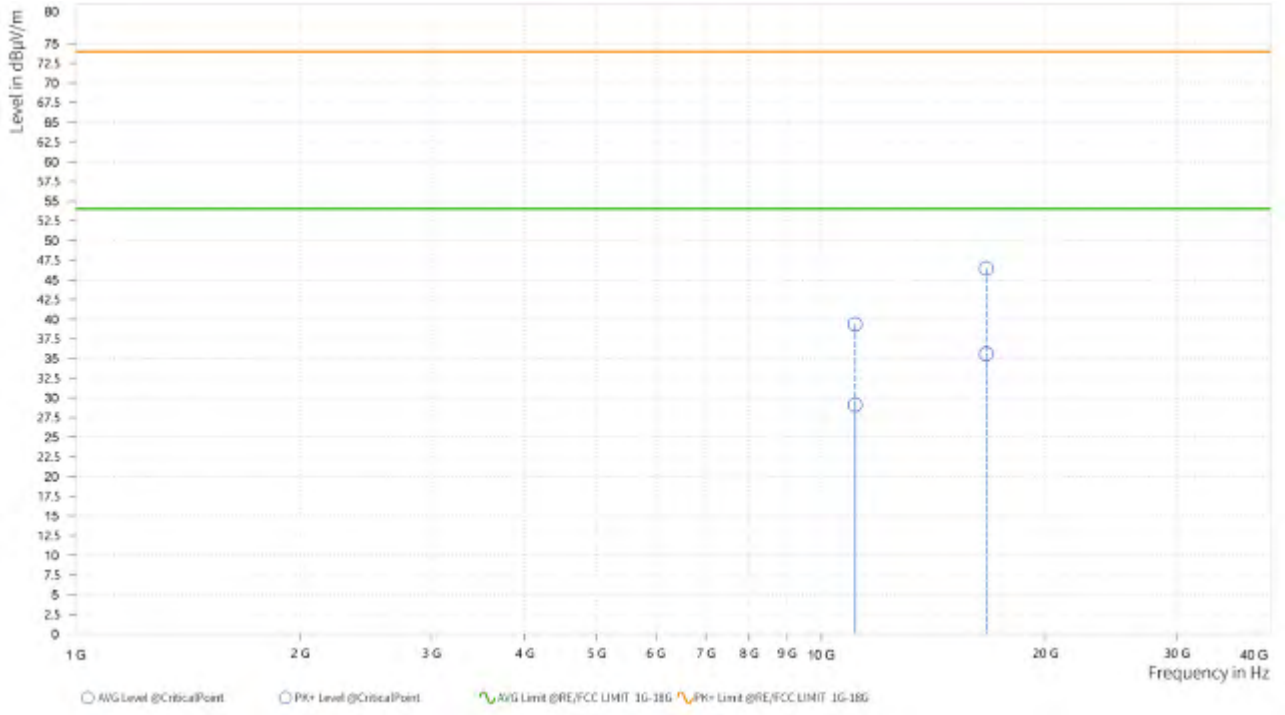
REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value- Emission level.
2. 5510MHz: Fundamental frequency.
3. #: Out of restricted band.

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

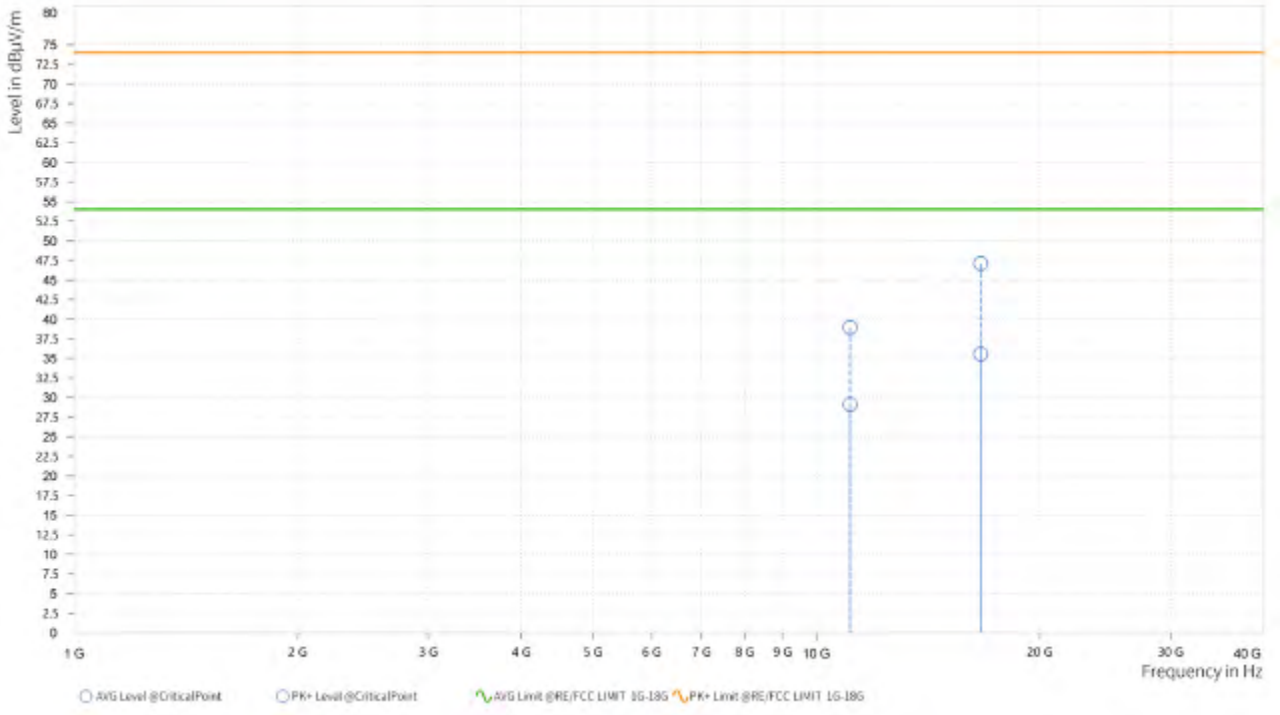
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,100.500	39.33	74.00	34.67	29.12	54.00	24.88	10.29	H	359	2
4	16,650.000	46.42	74.00	27.58	35.57	54.00	18.43	18.95	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]
4	11,100.000	38.94	74.00	35.06	29.16	54.00	24.84	10.29	V	0.9	2
4	16,650.000	47.11	74.00	26.89	35.56	54.00	18.44	18.95	V	358.1	1



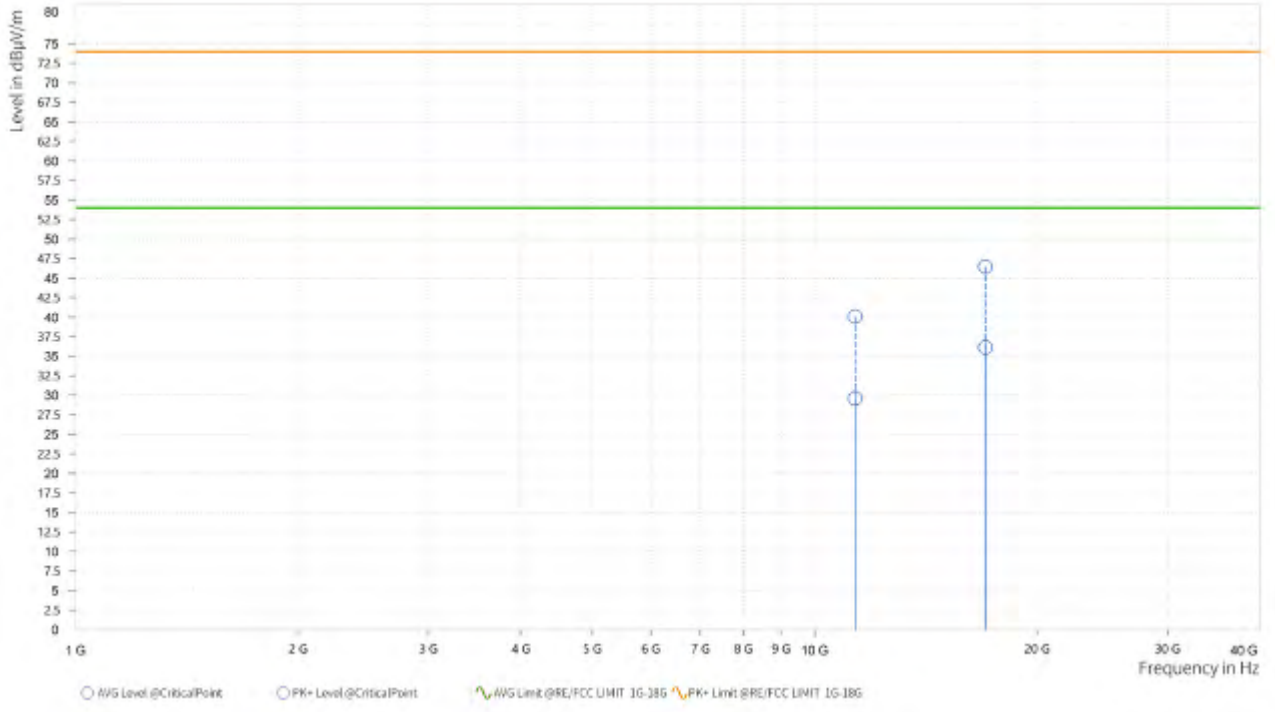
REMARKS:

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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

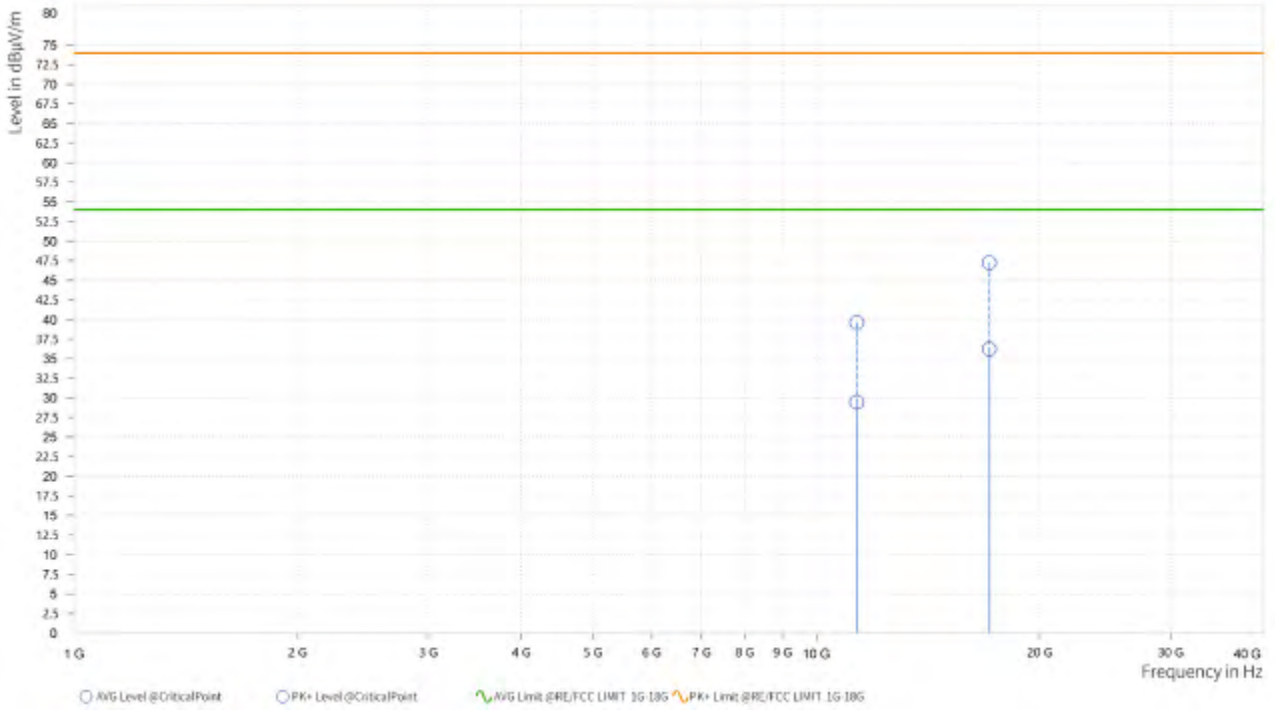
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,340.000	40.08	74.00	33.92	29.60	54.00	24.40	11.42	H	358.2	1
4	17,009.500	46.46	74.00	27.54	36.12	54.00	17.88	19.81	H	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]
4	11,340.000	39.62	74.00	34.38	29.45	54.00	24.55	11.42	V	359	2
4	17,099.500	47.23	74.00	26.77	36.23	54.00	17.77	20.18	V	1.8	2



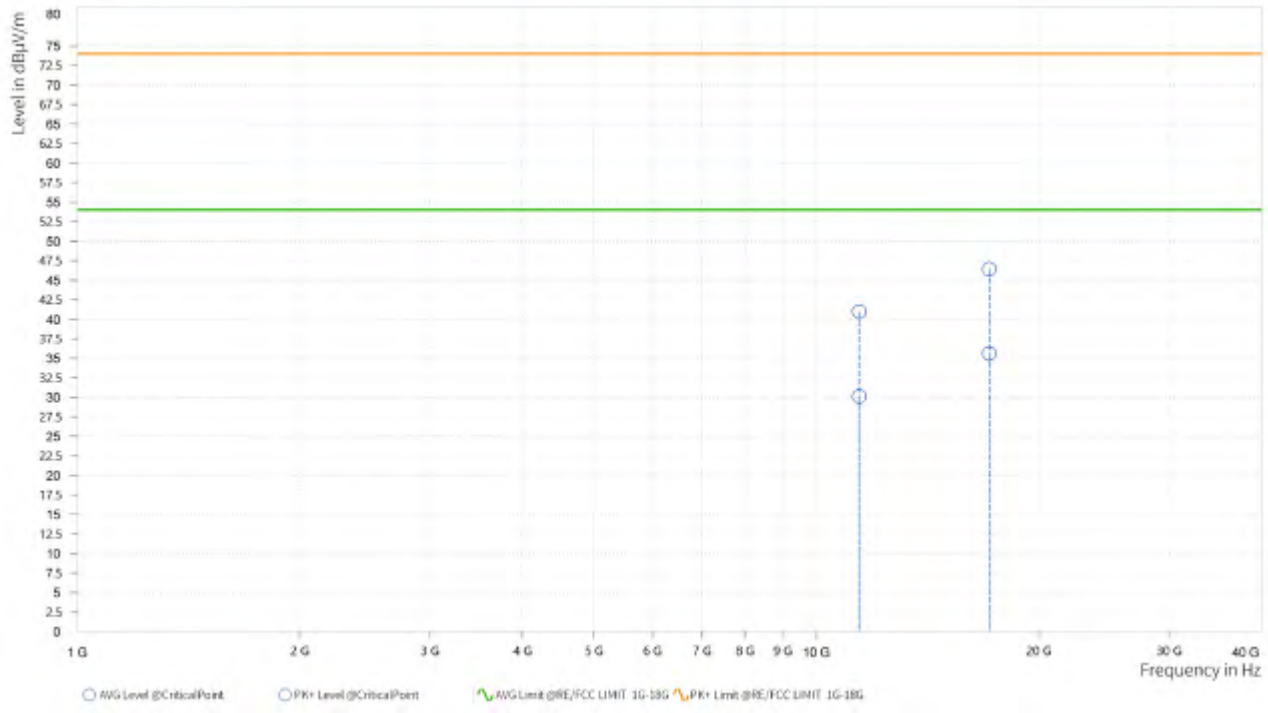
REMARKS:

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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

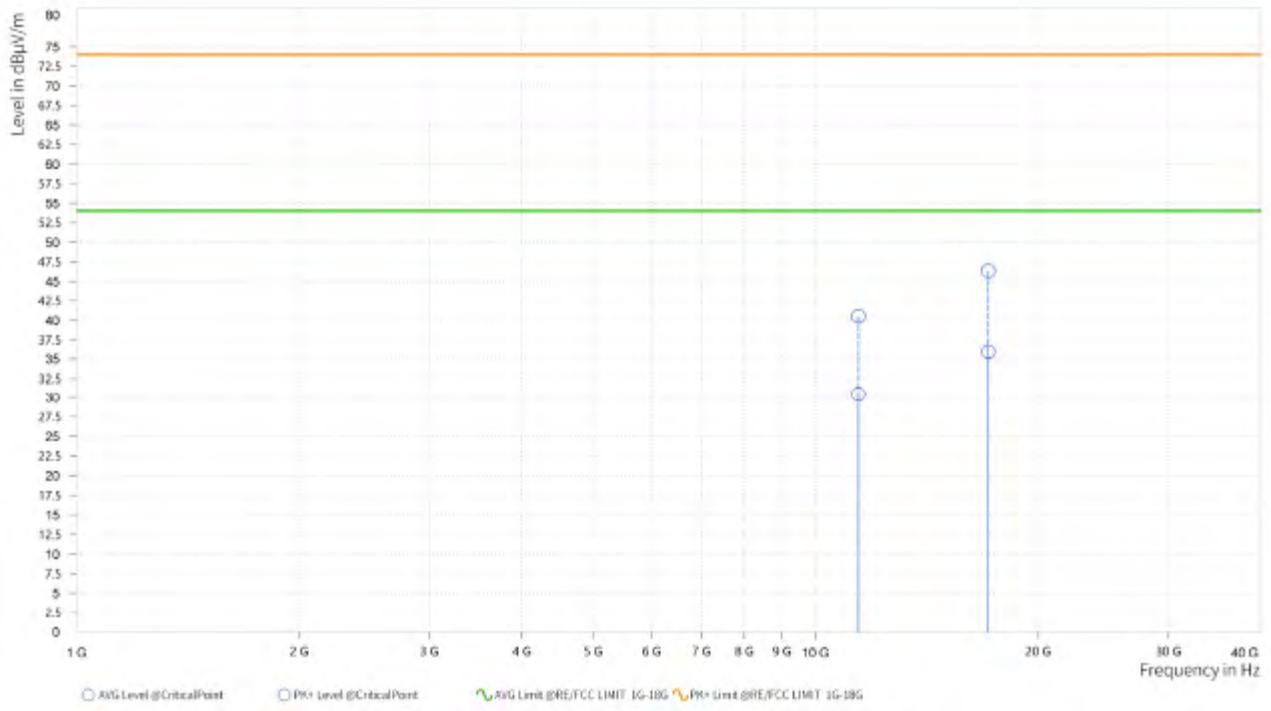
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,420.500	40.99	74.00	33.01	30.10	54.00	23.90	12.32	H	1	2
4	17,130.000	46.42	74.00	27.58	35.63	54.00	18.37	20.10	H	1.9	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]
4	11,419.500	40.51	74.00	33.49	30.48	54.00	23.52	12.32	V	358.2	1
4	17,130.000	46.34	74.00	27.66	35.96	54.00	18.04	20.10	V	359	2



REMARKS:

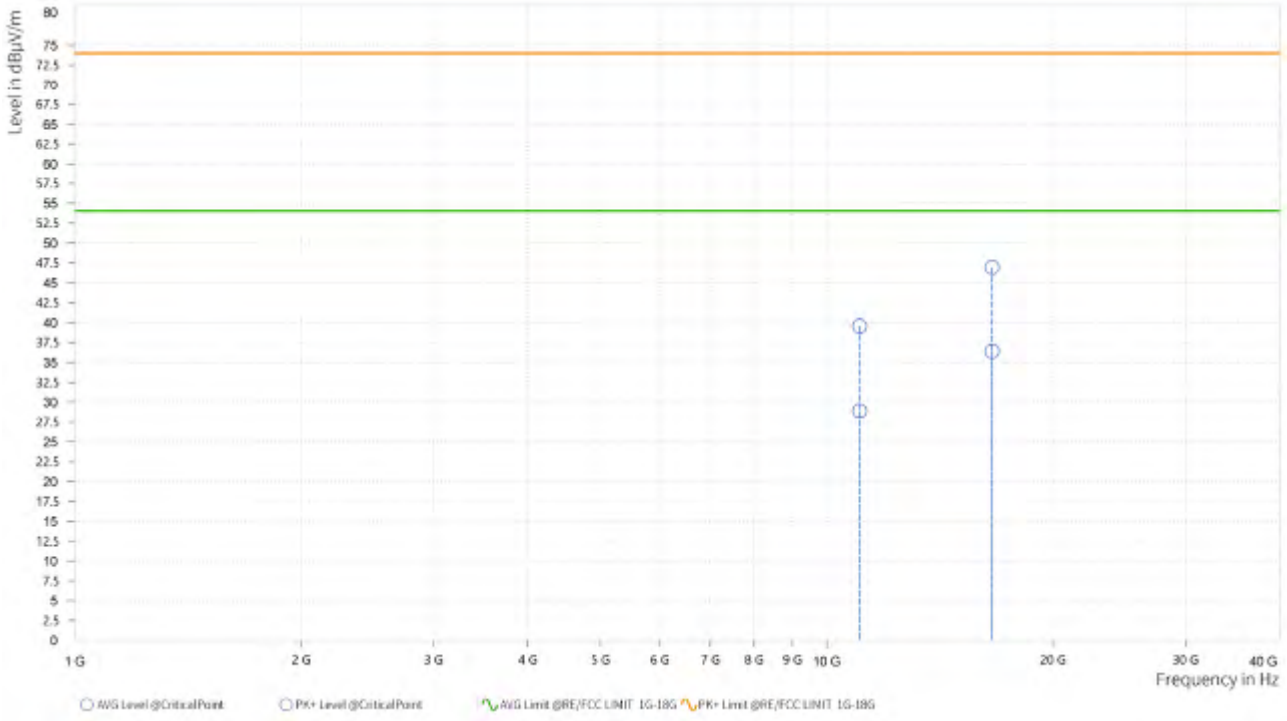
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value- Emission level.
2. 5710MHz: Fundamental frequency.
3. #: Out of restricted band.

802.11ac (80MHz)

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

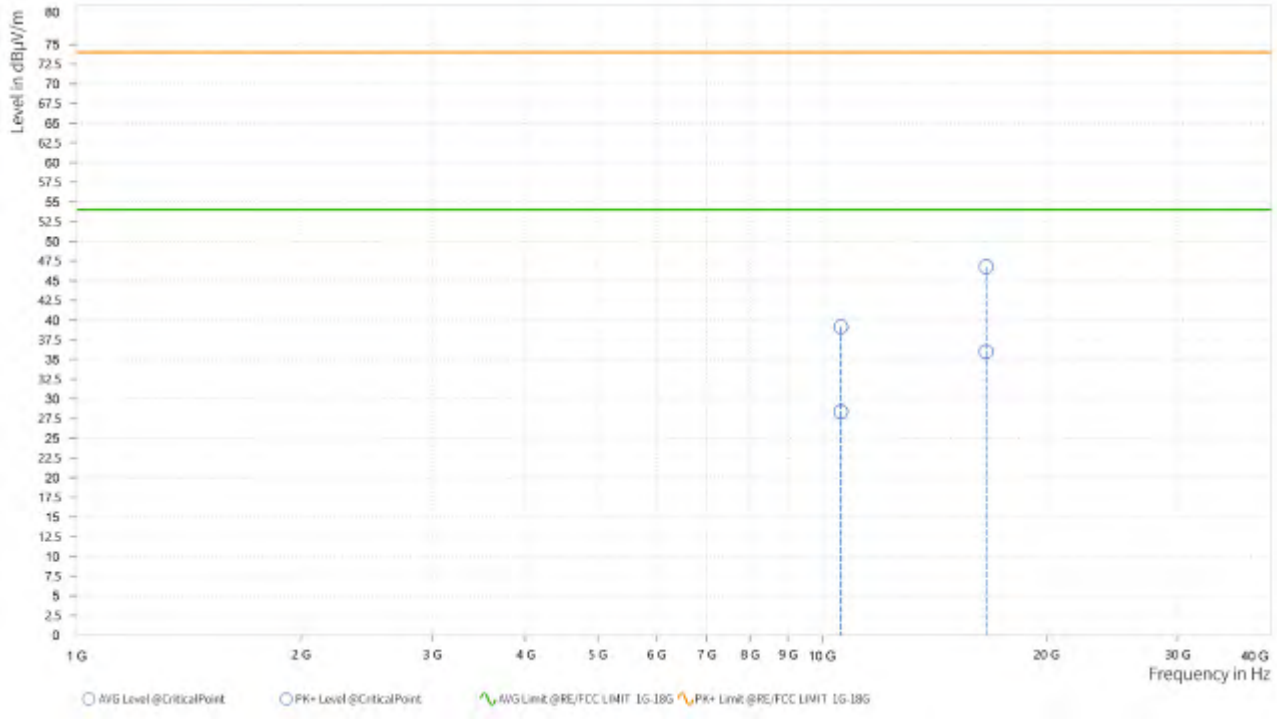
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,060.000	39.54	74.00	34.46	28.89	54.00	25.11	10.14	H	359.1	2
4	16,590.500	46.92	74.00	27.08	36.39	54.00	17.61	18.52	H	359.1	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]
4	10,600.000	39.13	74.00	34.87	28.38	54.00	25.62	10.13	V	359	2
4	16,590.000	46.77	74.00	27.23	35.97	54.00	18.03	18.51	V	358.2	1



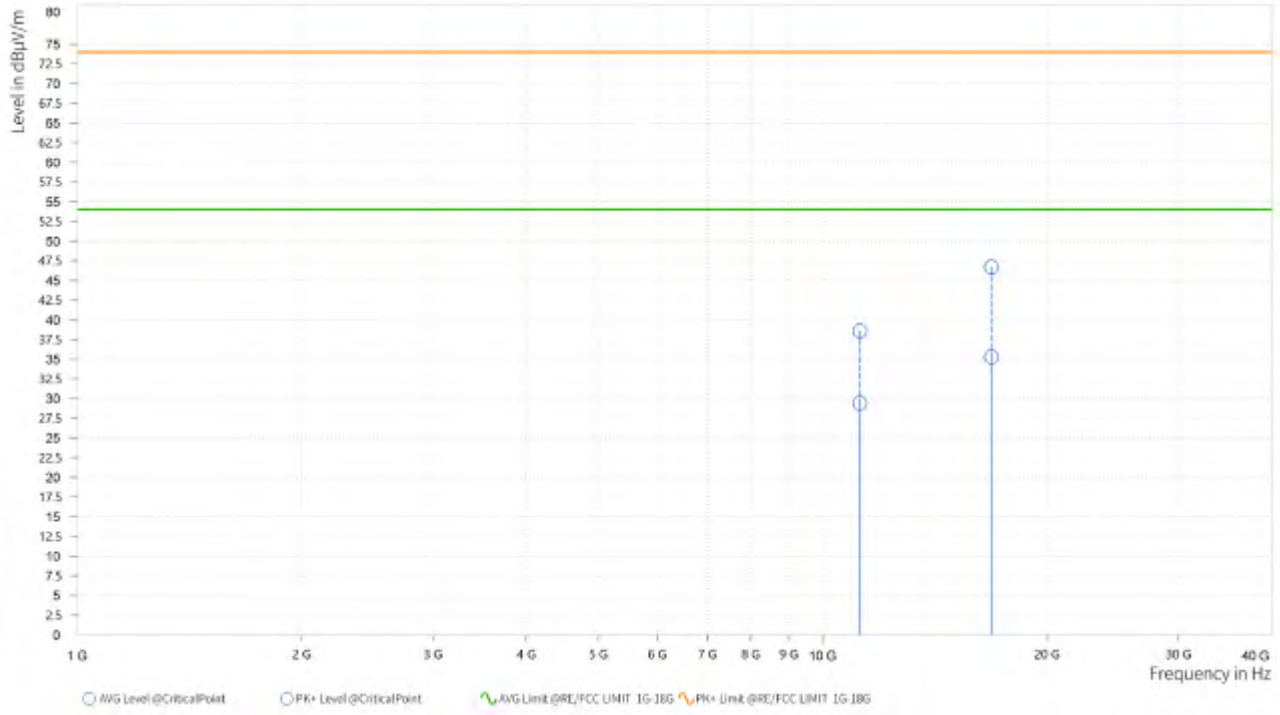
REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value- Emission level.
2. 5530MHz: Fundamental frequency.
3. #: Out of restricted band.

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

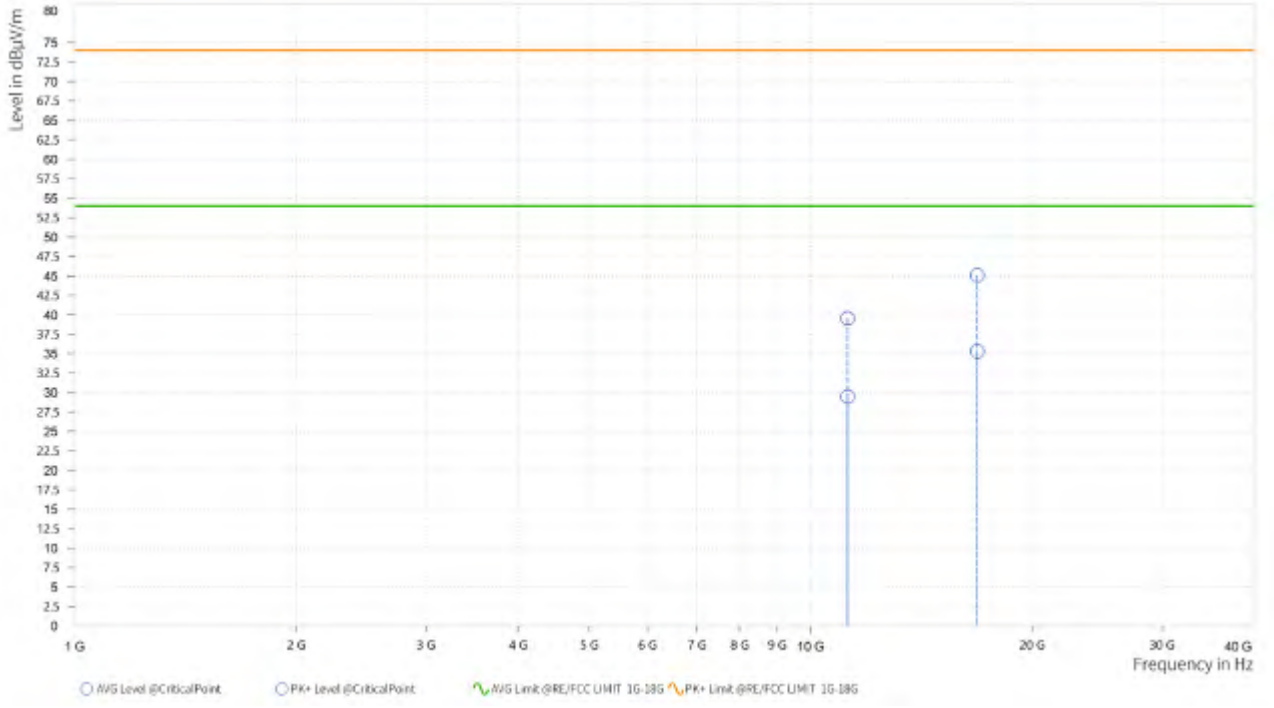
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,220.000	38.60	74.00	35.40	29.43	54.00	24.57	10.81	H	359	2
4	16,830.000	46.70	74.00	27.30	35.30	54.00	18.70	19.38	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]
4	11,220.000	39.55	74.00	34.45	29.48	54.00	24.52	10.81	V	359.1	2
4	16,830.000	45.09	74.00	28.91	35.30	54.00	18.70	19.38	V	359.1	2



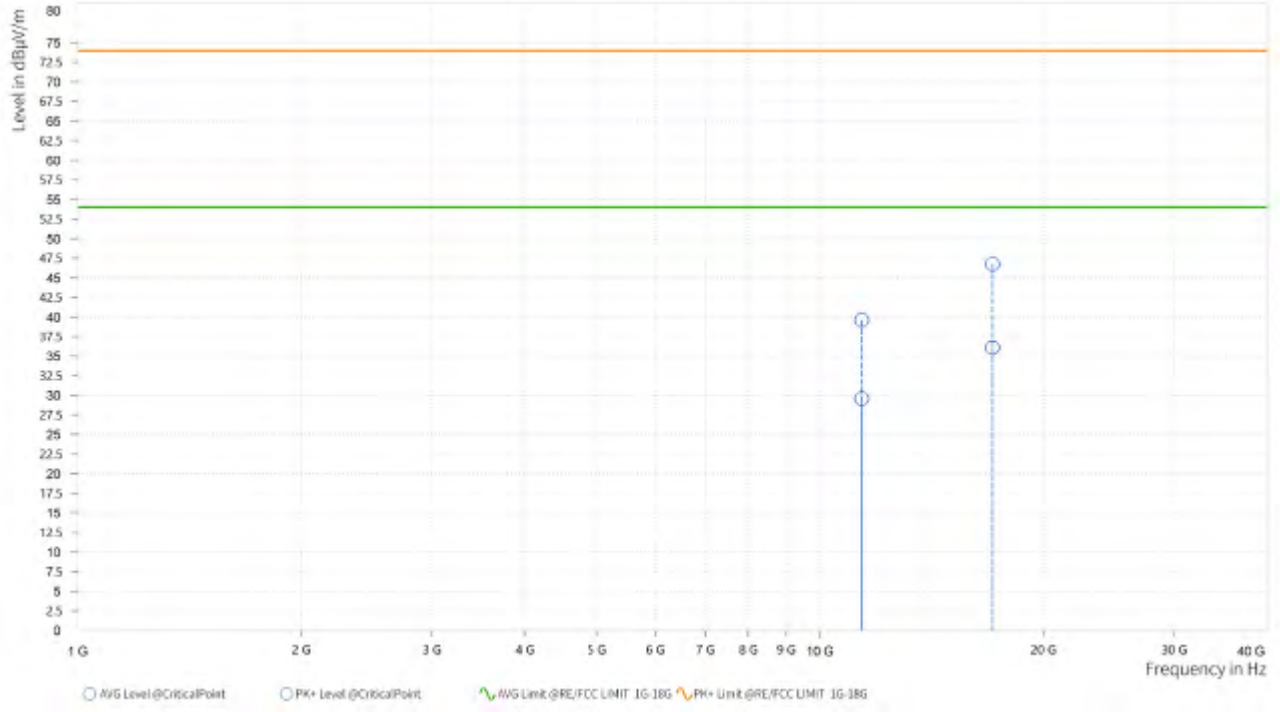
REMARKS:

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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

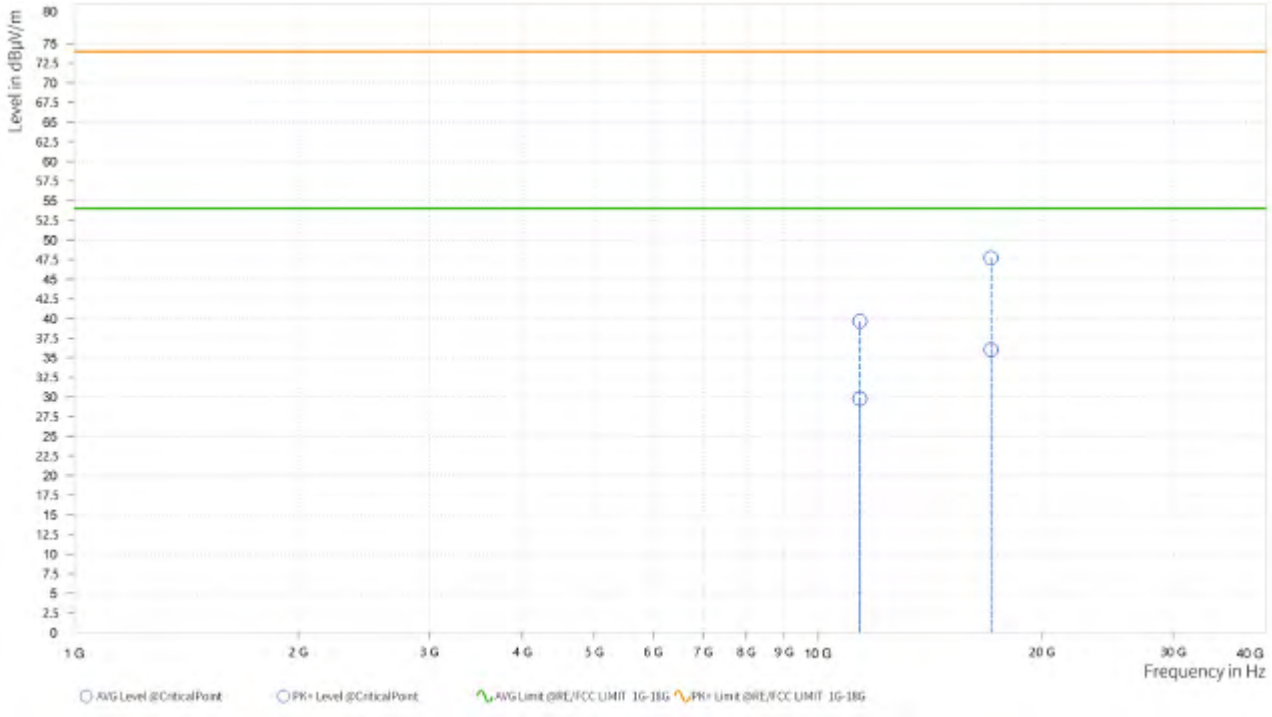
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,380.000	39.62	74.00	34.38	29.57	54.00	24.43	11.87	H	359	1
4	17,070.000	46.75	74.00	27.25	36.10	54.00	17.90	20.06	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]
4	11,380.000	39.65	74.00	34.35	29.77	54.00	24.23	11.87	V	1	2
4	17,070.000	47.72	74.00	26.28	36.03	54.00	17.97	20.06	V	359.1	2



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value- Emission level.
2. 5690MHz: Fundamental frequency.
3. #: Out of restricted band.

Band 4:

802.11a

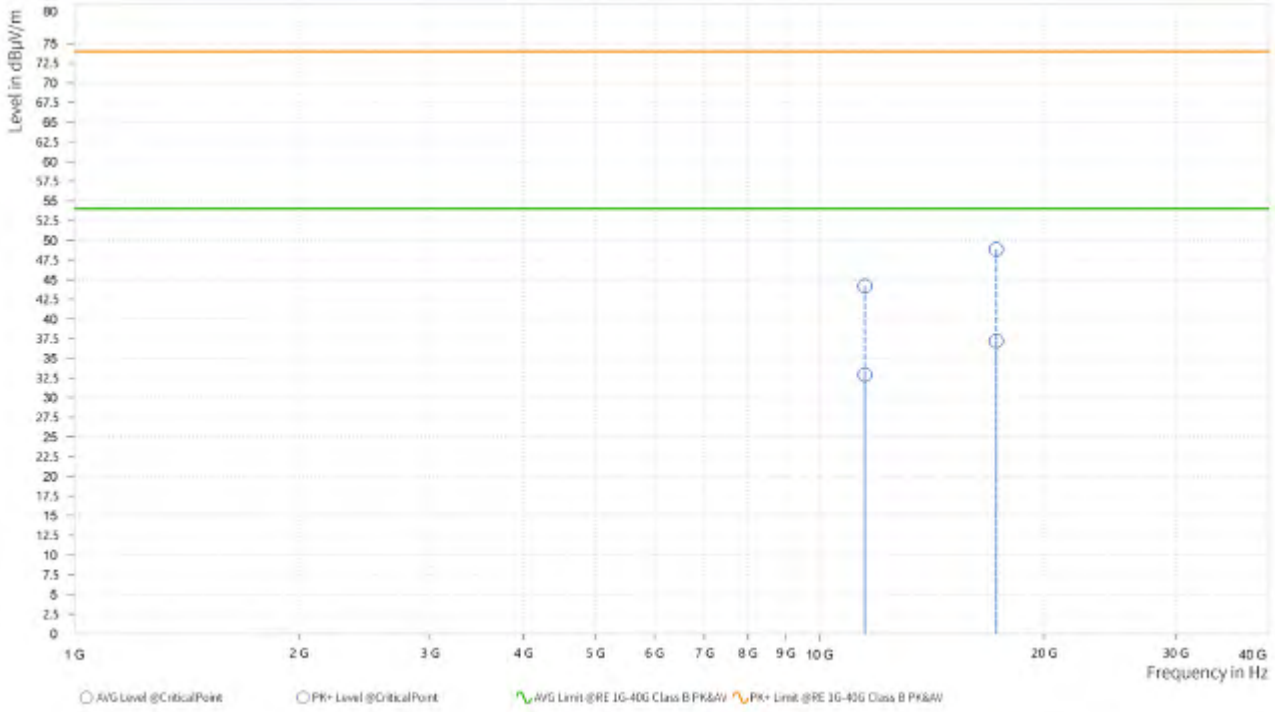
CHANNEL	TX Channel 149	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

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]
4	11,489.000	42.59	74.00	31.41	31.00	54.00	23.00	12.51	H	1.9	2
4	17,234.500	50.51	74.00	23.49	38.89	54.00	15.11	20.77	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]
4	11,490.500	44.17	74.00	29.83	32.89	54.00	21.11	12.52	V	359	2
4	17,236.000	48.83	74.00	25.17	37.21	54.00	16.79	20.78	V	358.2	1



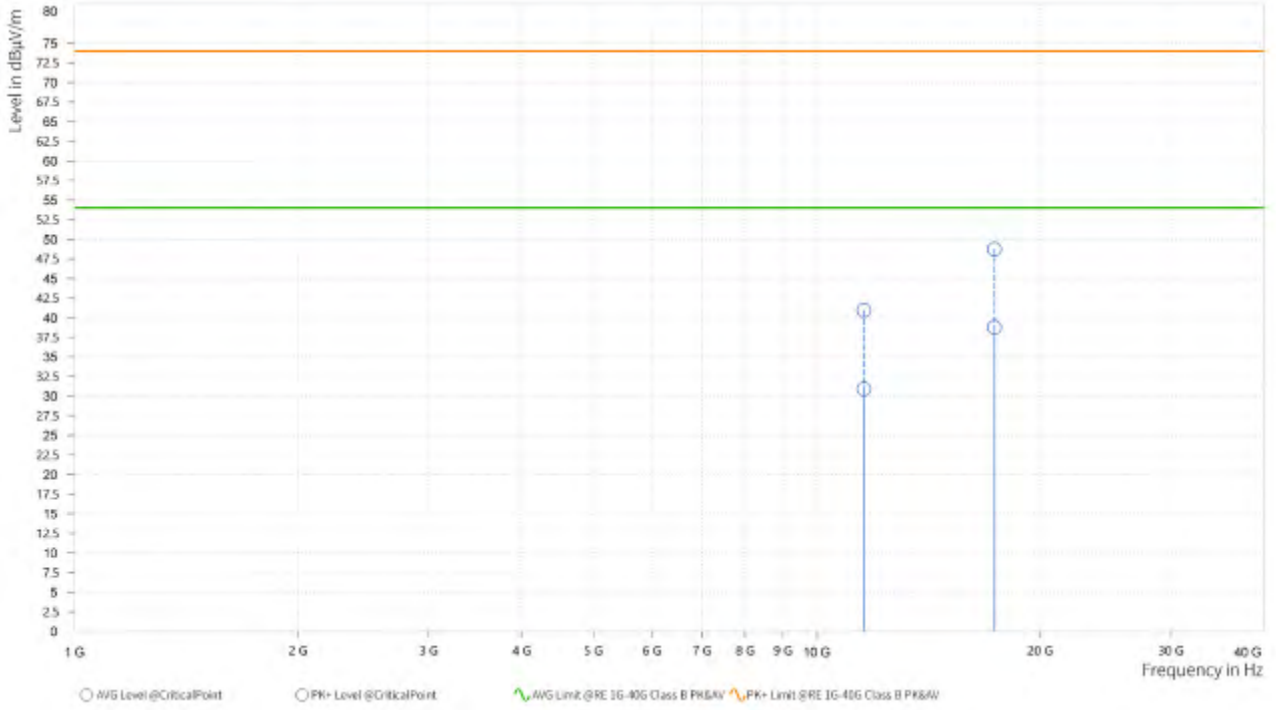
REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value- Emission level.
2. 5745MHz: Fundamental frequency.

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

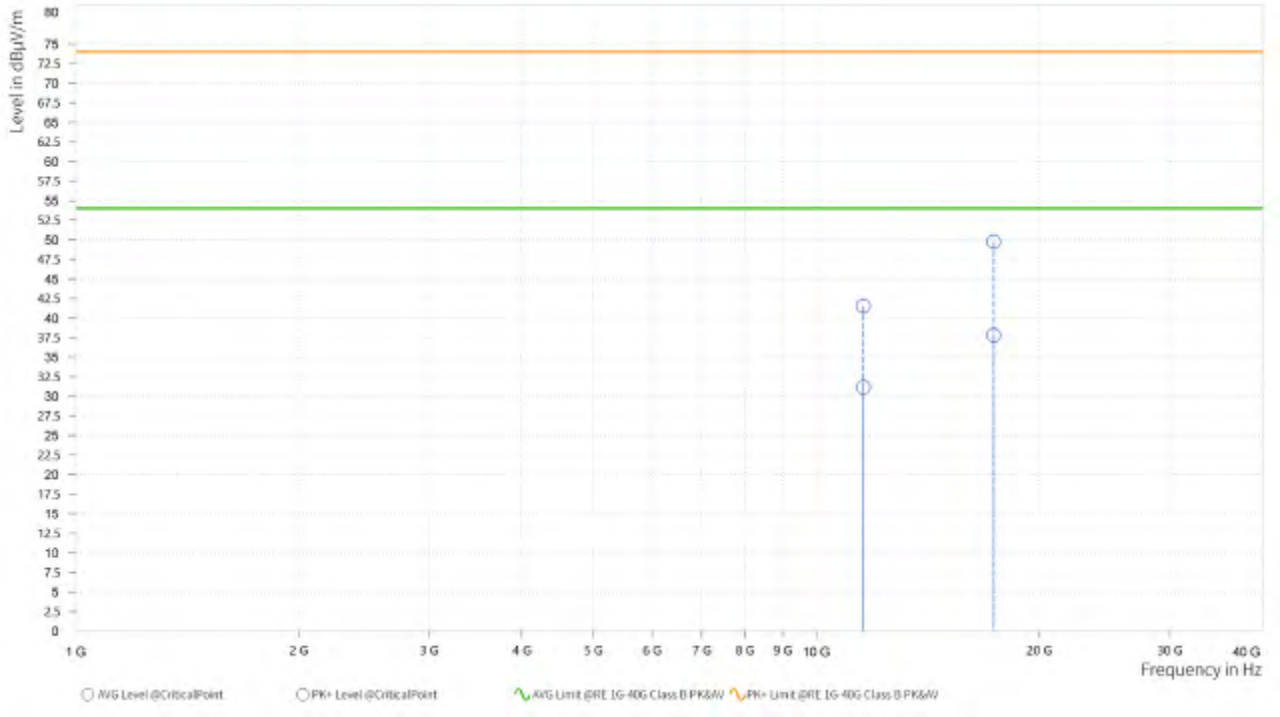
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,570.000	40.95	74.00	33.05	30.93	54.00	23.07	12.17	H	1	2
4	17,355.000	48.74	74.00	25.26	38.79	54.00	15.21	21.27	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]
4	11,570.000	41.52	74.00	32.48	31.15	54.00	22.85	12.17	V	359	2
4	17,355.000	49.75	74.00	24.25	37.80	54.00	16.20	21.27	V	359	1



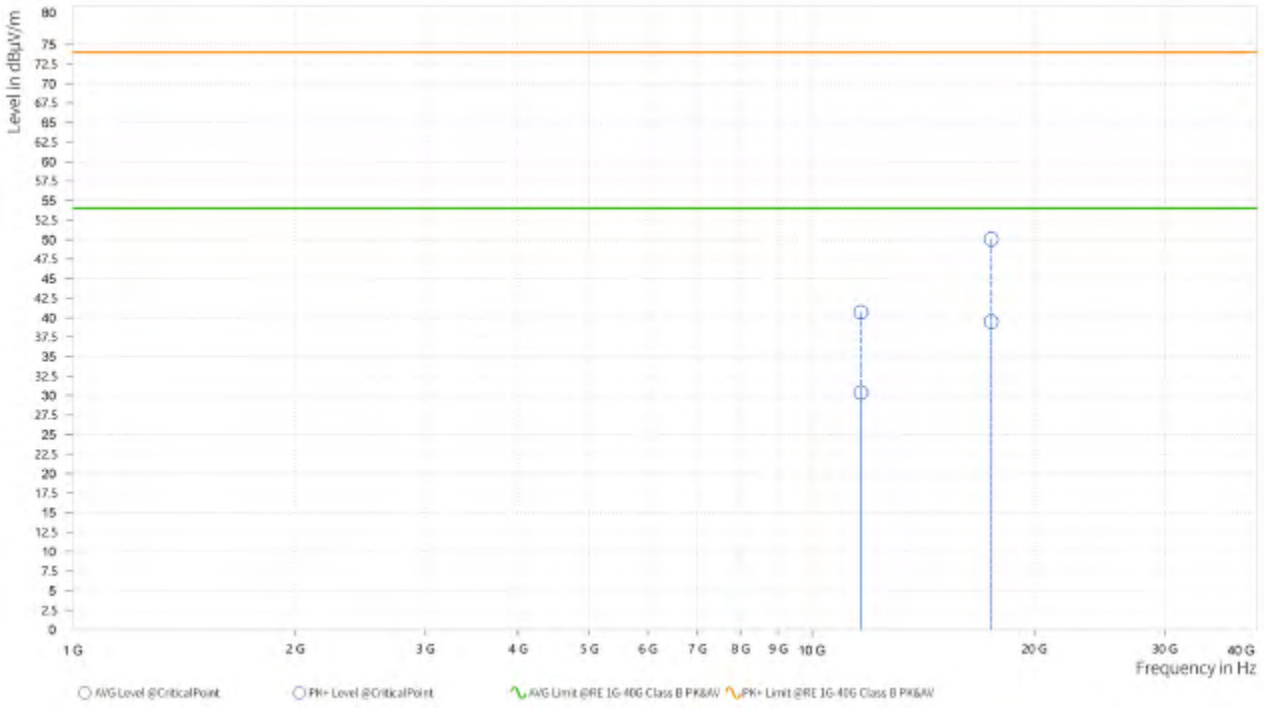
REMARKS:

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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

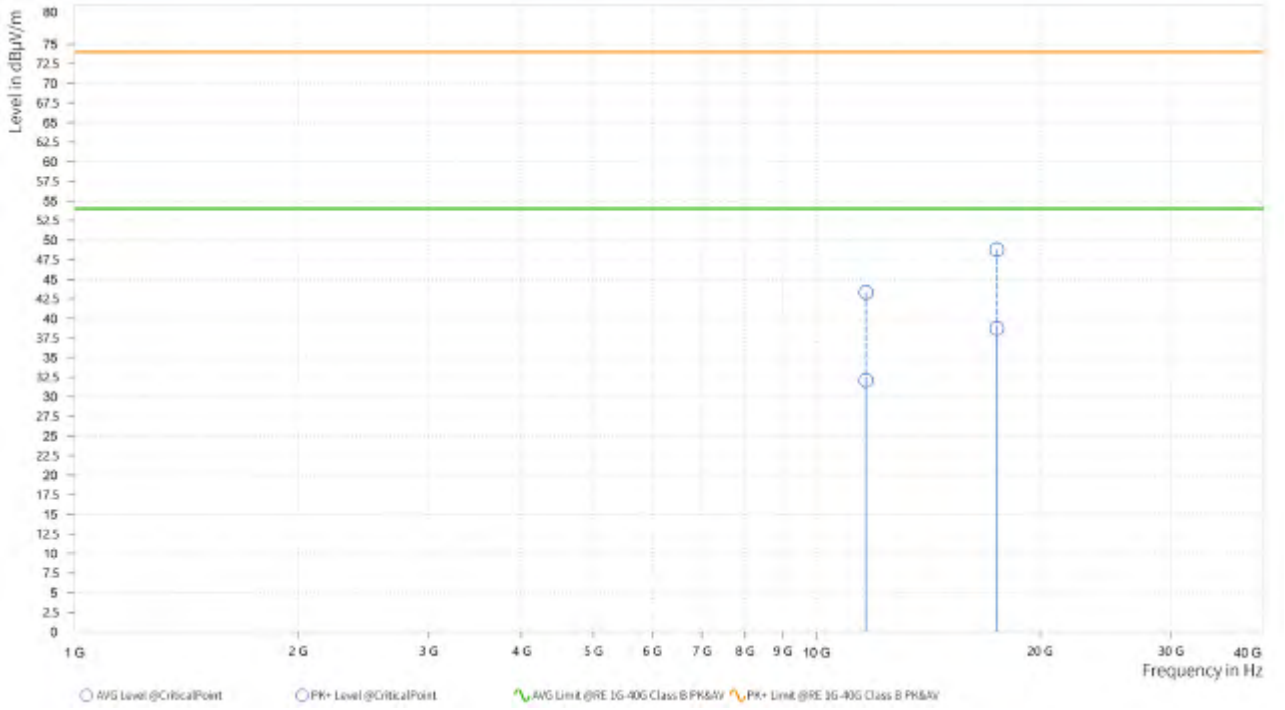
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,650.000	40.70	74.00	33.30	30.39	54.00	23.61	11.28	H	0.9	2
4	17,475.000	50.06	74.00	23.94	39.48	54.00	14.52	22.01	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]
4	11,650.000	43.32	74.00	30.68	32.09	54.00	21.91	11.28	V	359	2
4	17,475.500	48.78	74.00	25.22	38.73	54.00	15.27	22.01	V	358.3	2



REMARKS:

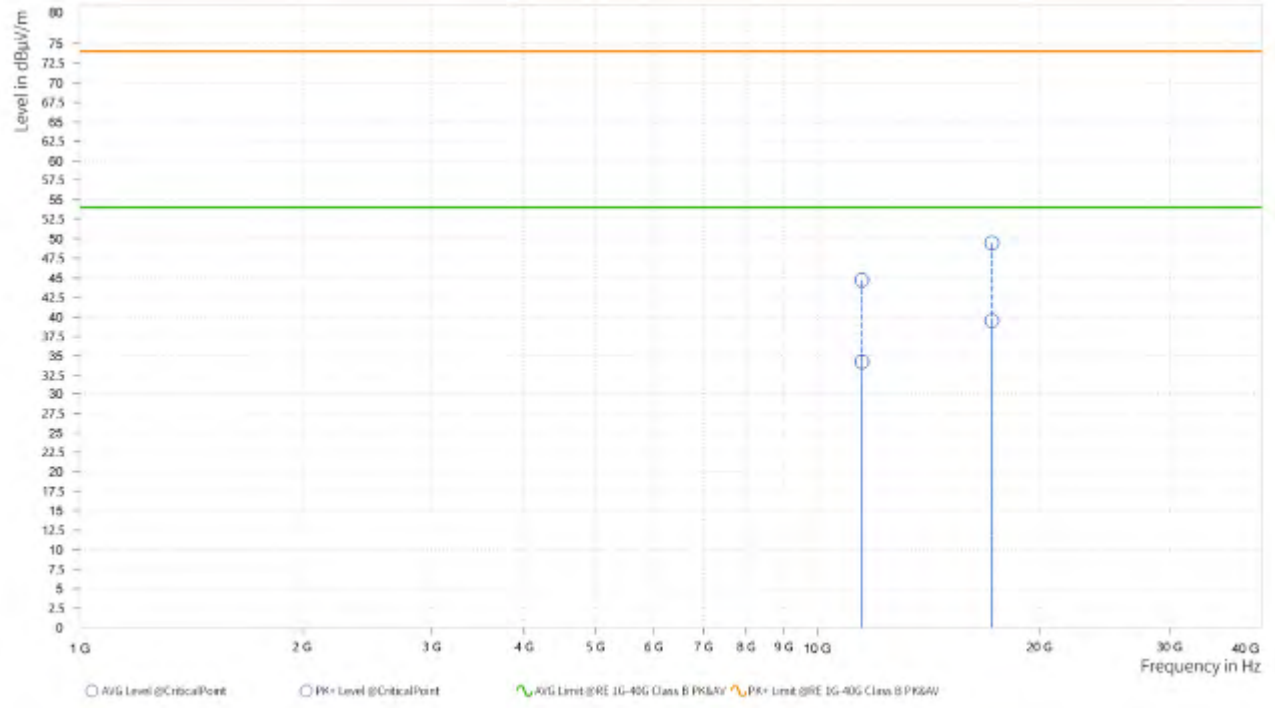
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value- Emission level.
2. 5825MHz: Fundamental frequency.

802.11n (20MHz)

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

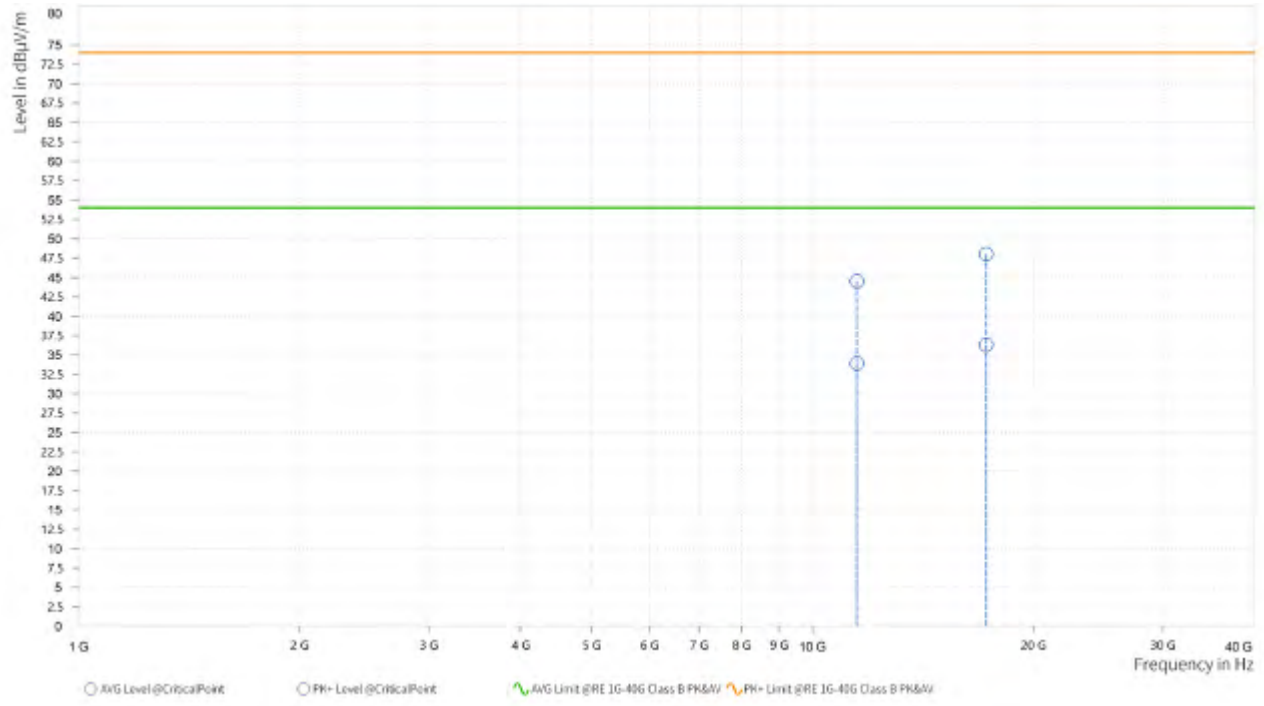
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,491.000	44.71	74.00	29.29	34.23	54.00	19.77	12.52	H	1	2
4	17,238.000	49.43	74.00	24.57	39.50	54.00	14.50	20.79	H	359.1	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]
4	11,490.500	44.51	74.00	29.49	33.91	54.00	20.09	12.52	V	1	2
4	17,234.500	48.00	74.00	26.00	36.31	54.00	17.69	20.77	V	359	2



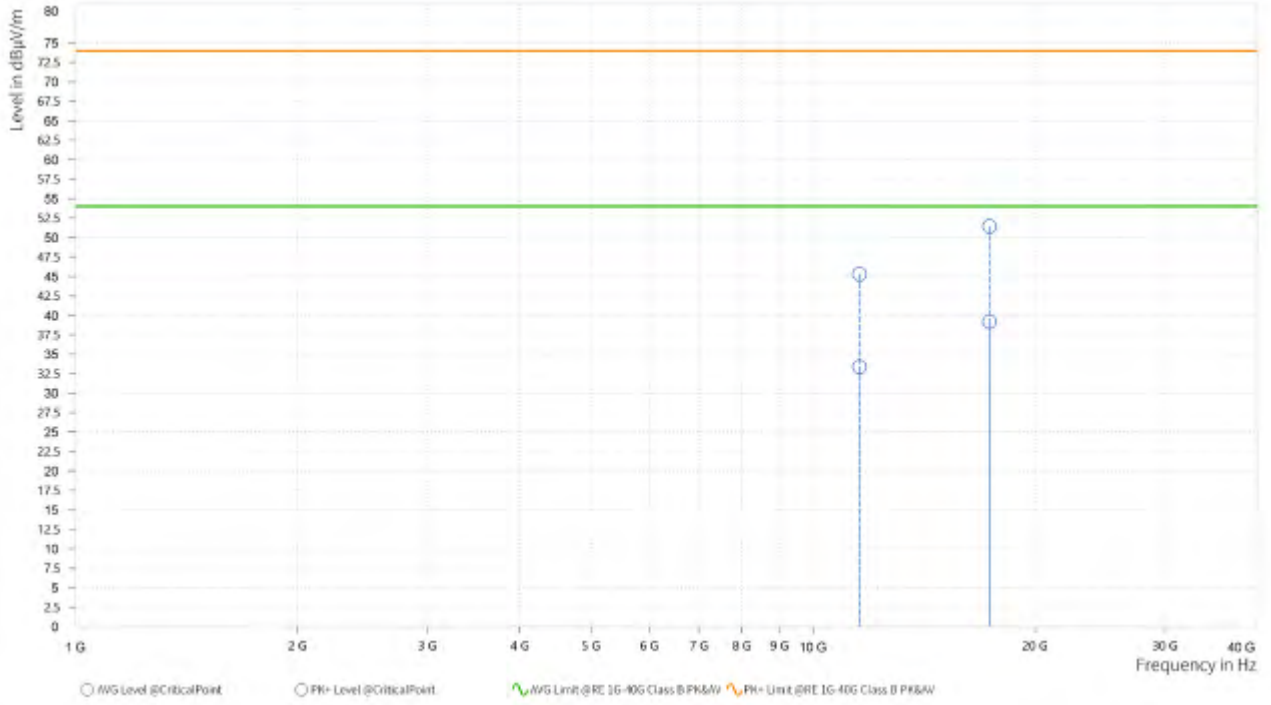
REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value- Emission level.
2. 5745MHz: Fundamental frequency.

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

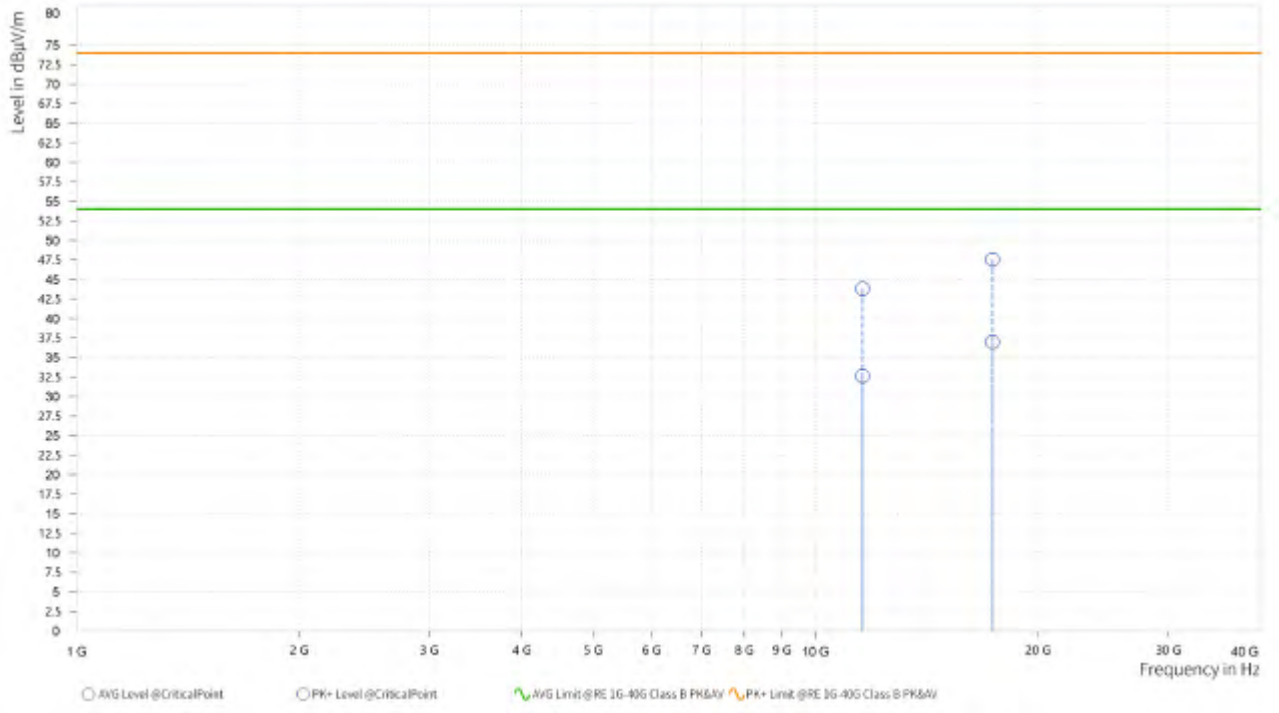
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,567.000	45.27	74.00	28.73	33.38	54.00	20.62	12.20	H	359	2
4	17,353.000	51.43	74.00	22.57	39.18	54.00	14.82	21.27	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]
4	11,571.000	43.80	74.00	30.20	32.62	54.00	21.38	12.16	V	359	2
4	17,356.000	47.55	74.00	26.45	36.96	54.00	17.04	21.27	V	359	2



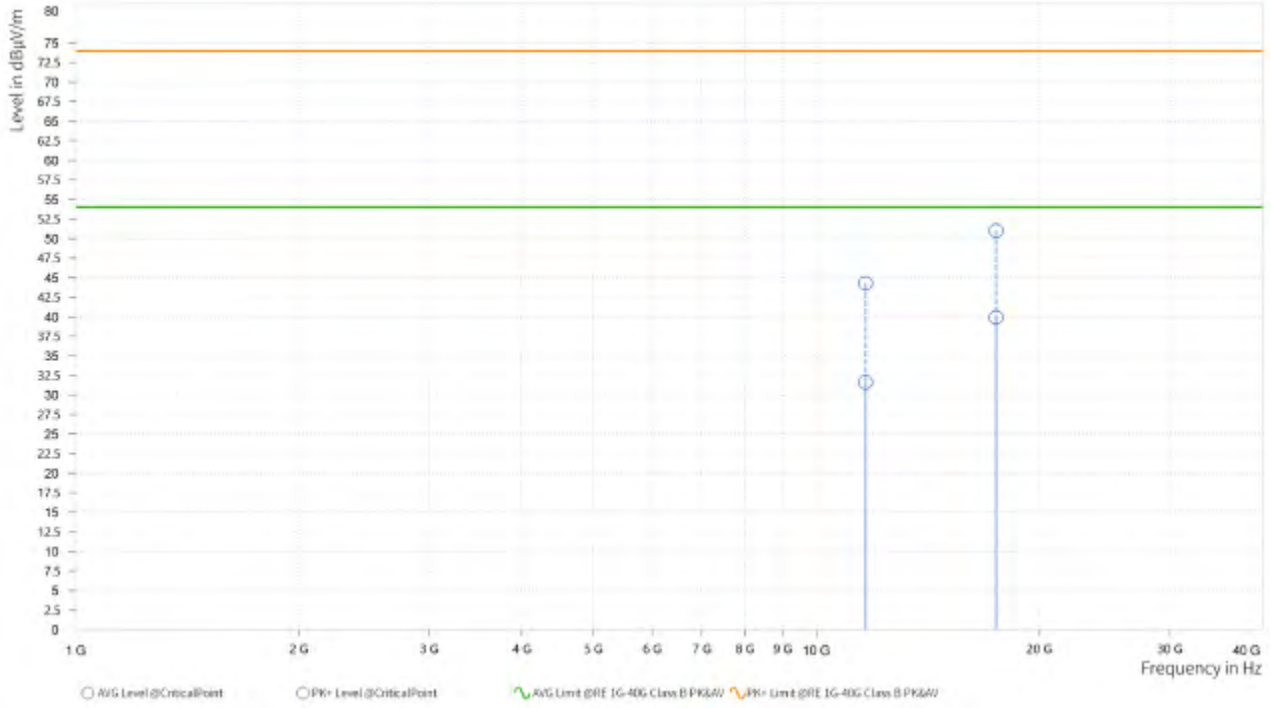
REMARKS:

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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

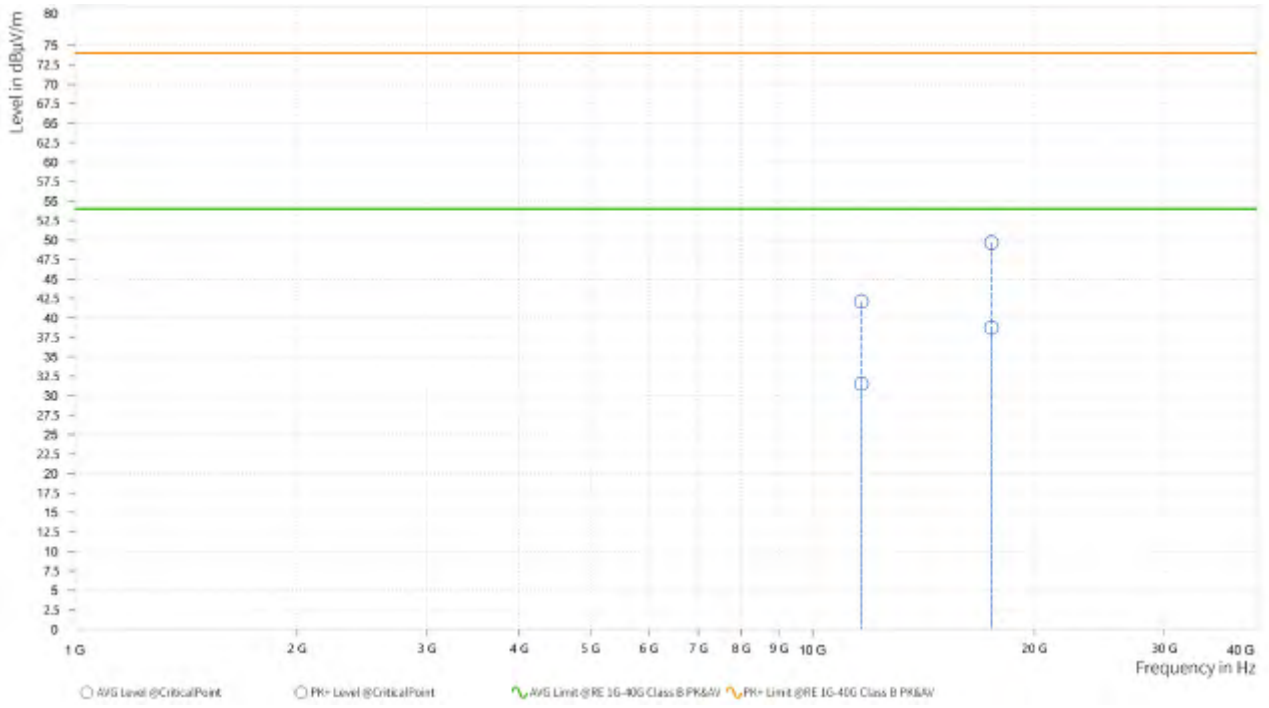
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,652.000	44.28	74.00	29.72	31.62	54.00	22.38	11.29	H	358.3	1
4	17,474.000	50.99	74.00	23.01	39.92	54.00	14.08	22.00	H	358.3	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]
4	11,650.000	42.10	74.00	31.90	31.54	54.00	22.46	11.28	V	359.1	2
4	17,474.000	49.65	74.00	24.35	38.75	54.00	15.25	22.00	V	359.1	2



REMARKS:

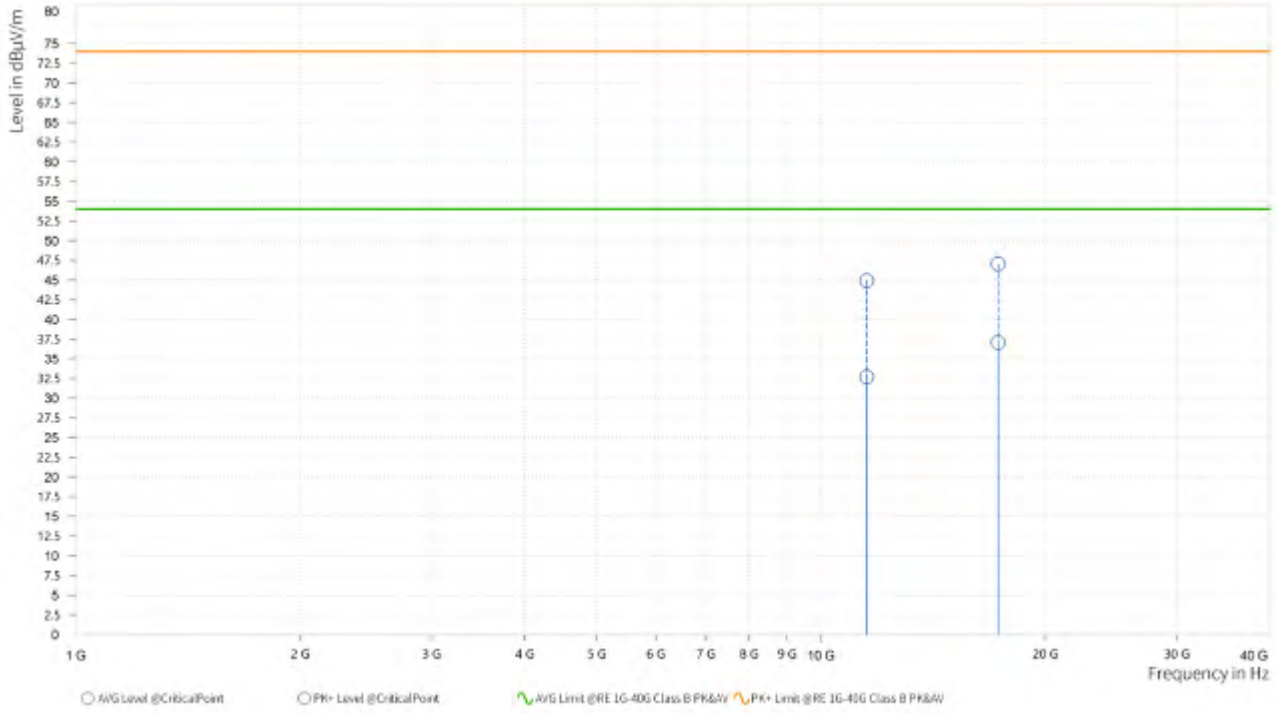
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value- Emission level.
2. 5825MHz: Fundamental frequency.

802.11n (40MHz)

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

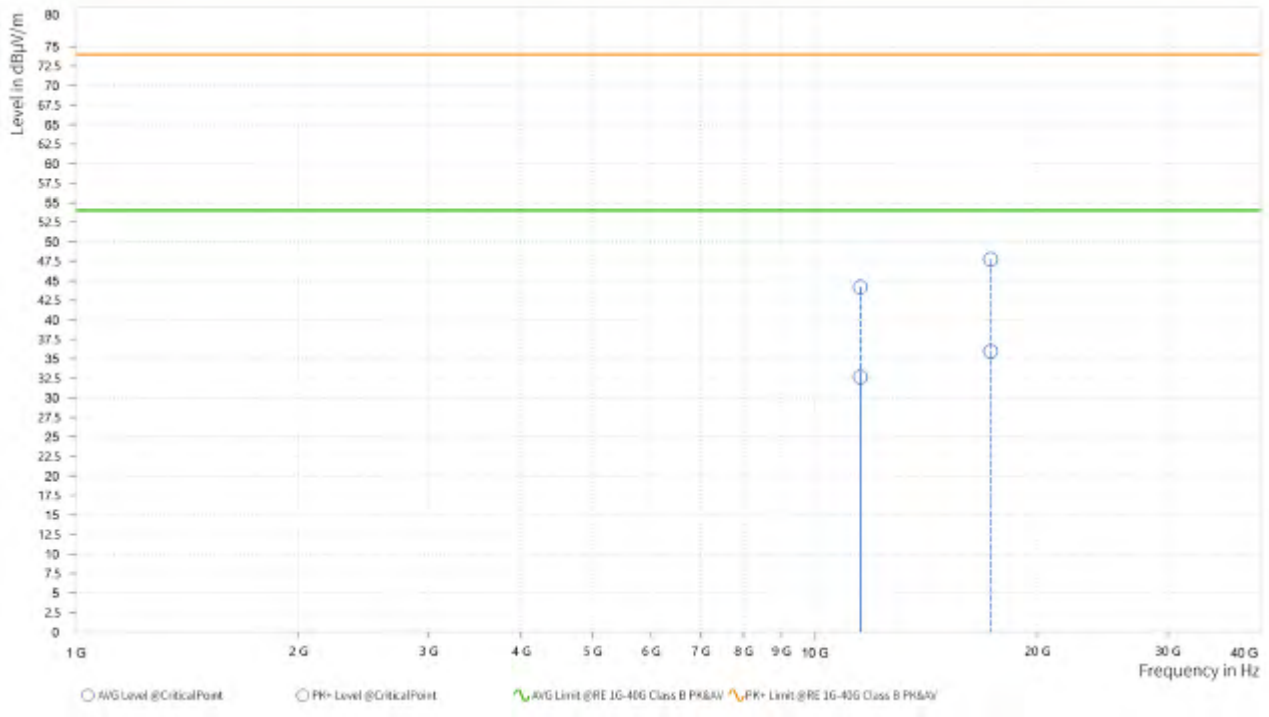
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,511.000	44.91	74.00	29.09	32.71	54.00	21.29	12.57	H	358.3	2
4	17,267.000	47.02	74.00	26.98	37.06	54.00	16.94	21.00	H	359.1	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]
4	11,510.000	44.17	74.00	29.83	32.66	54.00	21.34	12.57	V	359.1	2
4	17,264.000	47.73	74.00	26.27	35.97	54.00	18.03	20.98	V	1	2



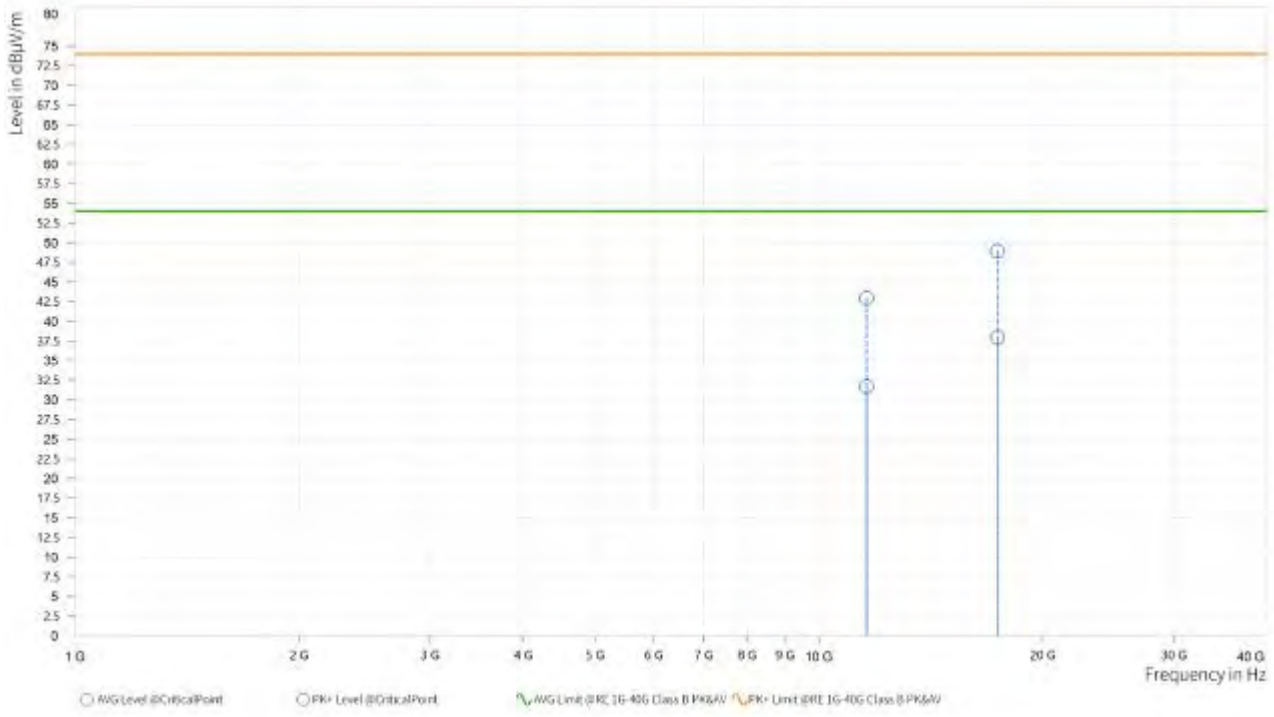
REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value- Emission level.
2. 5755MHz: Fundamental frequency.

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

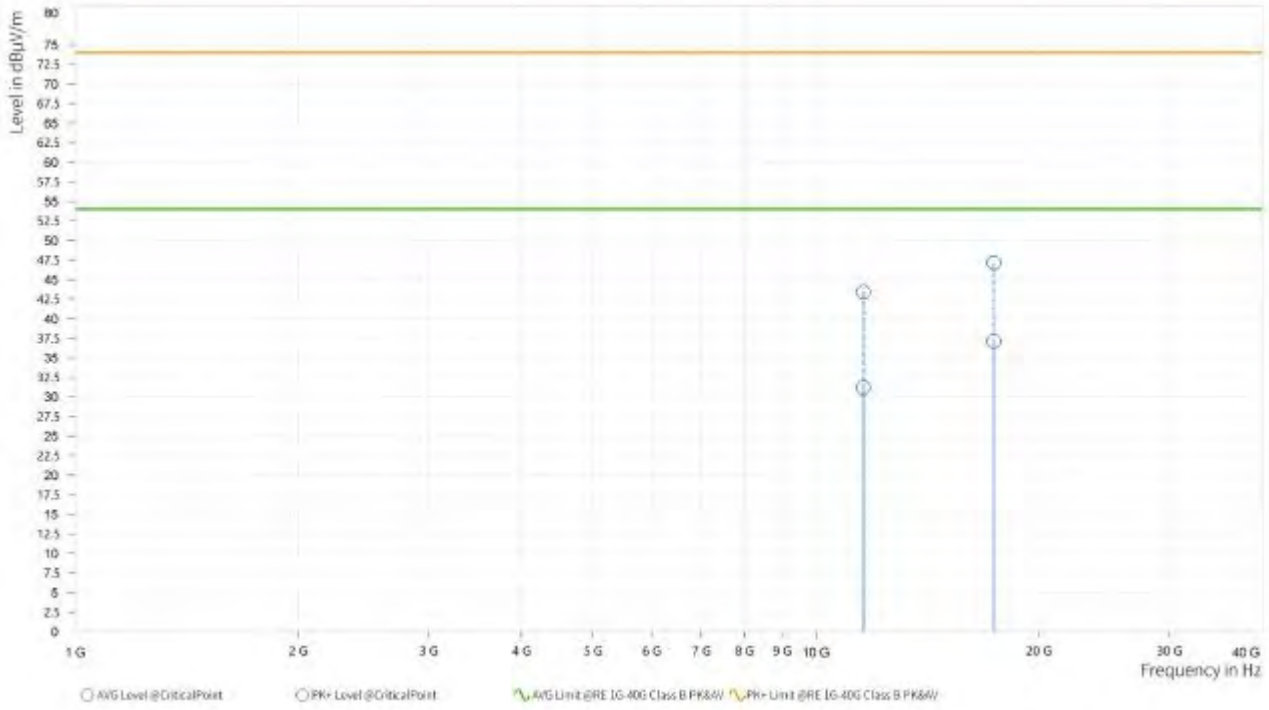
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,590.500	42.95	74.00	31.05	31.74	54.00	22.26	11.93	H	359	2
4	17,385.000	48.91	74.00	25.09	37.97	54.00	16.03	21.29	H	358.6	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]
4	11,591.000	43.40	74.00	30.60	31.17	54.00	22.83	11.92	V	1	2
4	17,384.500	47.14	74.00	26.86	37.13	54.00	16.87	21.29	V	359	2



REMARKS:

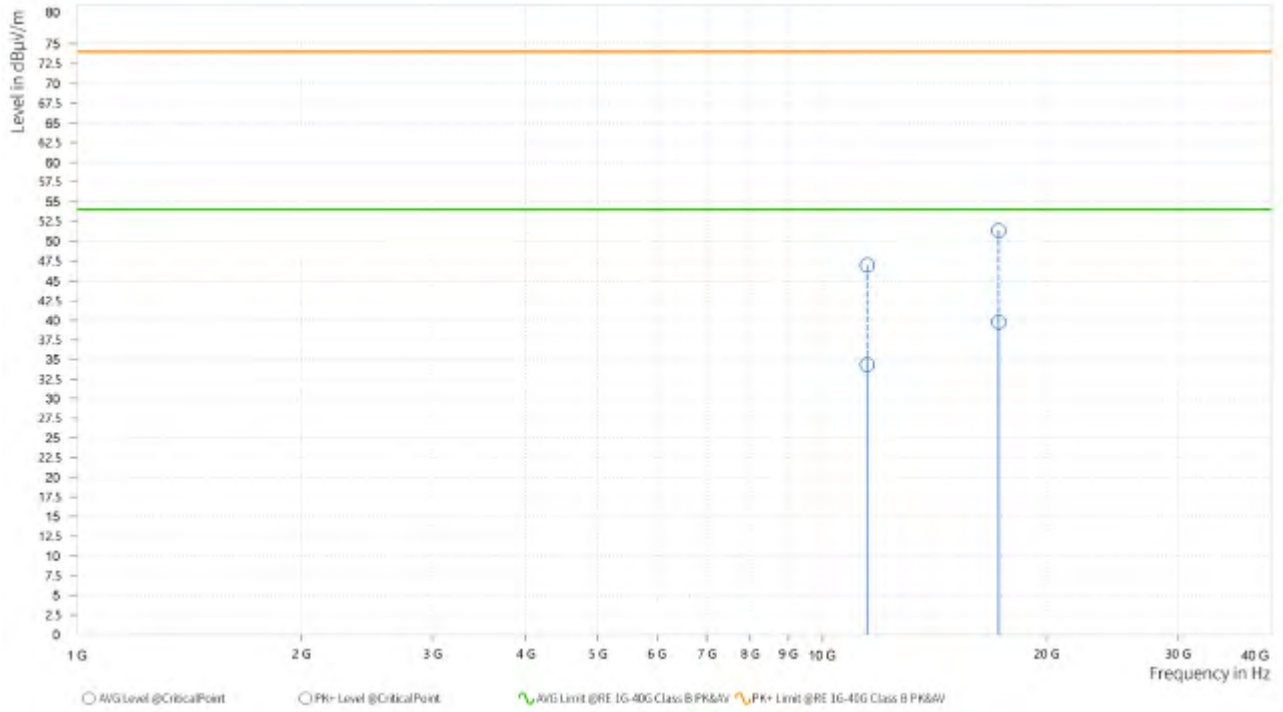
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value- Emission level.
2. 5795MHz: Fundamental frequency.

802.11ac (20MHz)

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

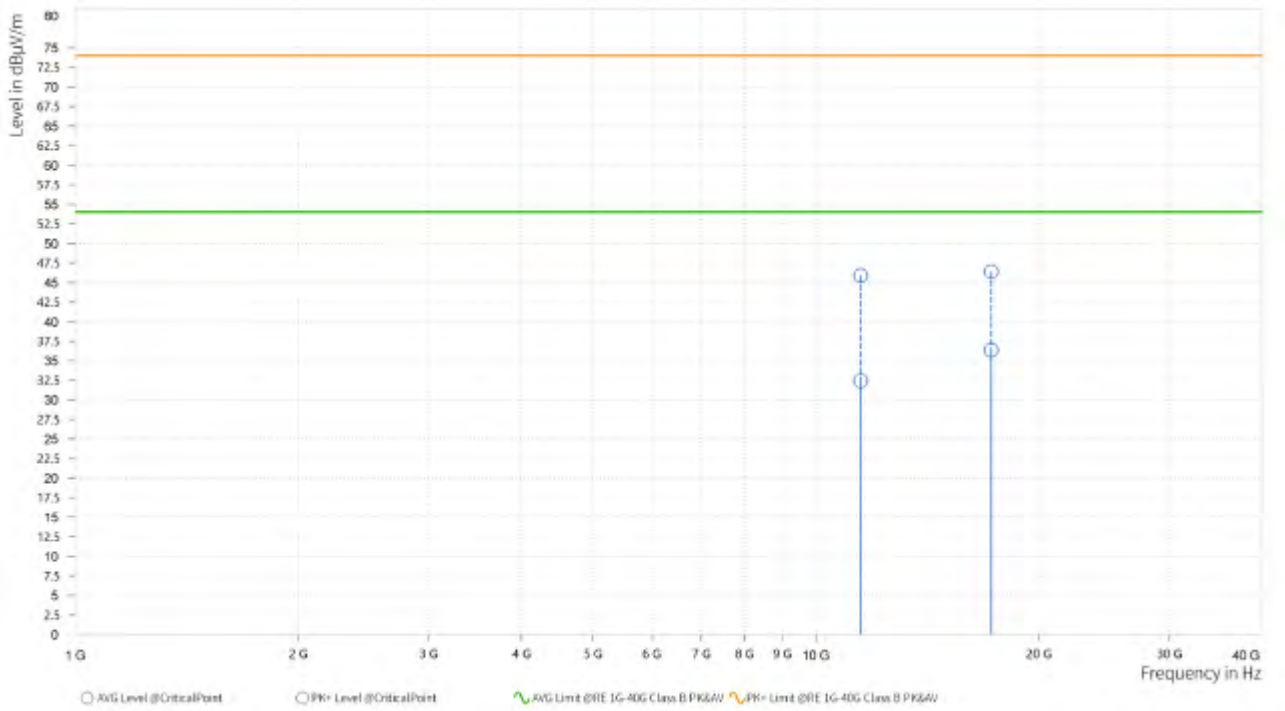
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,491.000	46.97	74.00	27.03	34.34	54.00	19.66	12.52	H	358.6	2
4	17,236.000	51.31	74.00	22.69	39.76	54.00	14.24	20.78	H	359.1	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]
4	11,489.000	45.90	74.00	28.10	32.42	54.00	21.58	12.51	V	1	2
4	17,235.000	46.38	74.00	27.62	36.37	54.00	17.63	20.77	V	359.1	2



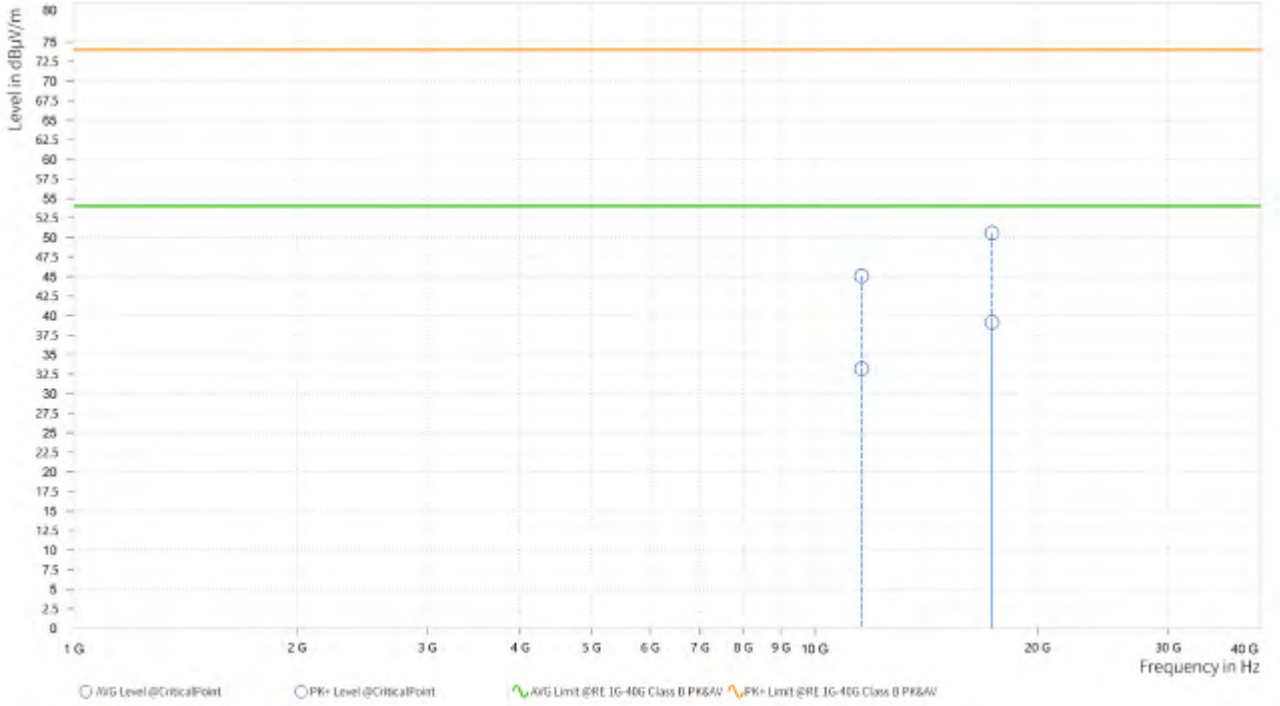
REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value- Emission level.
2. 5745MHz: Fundamental frequency.

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

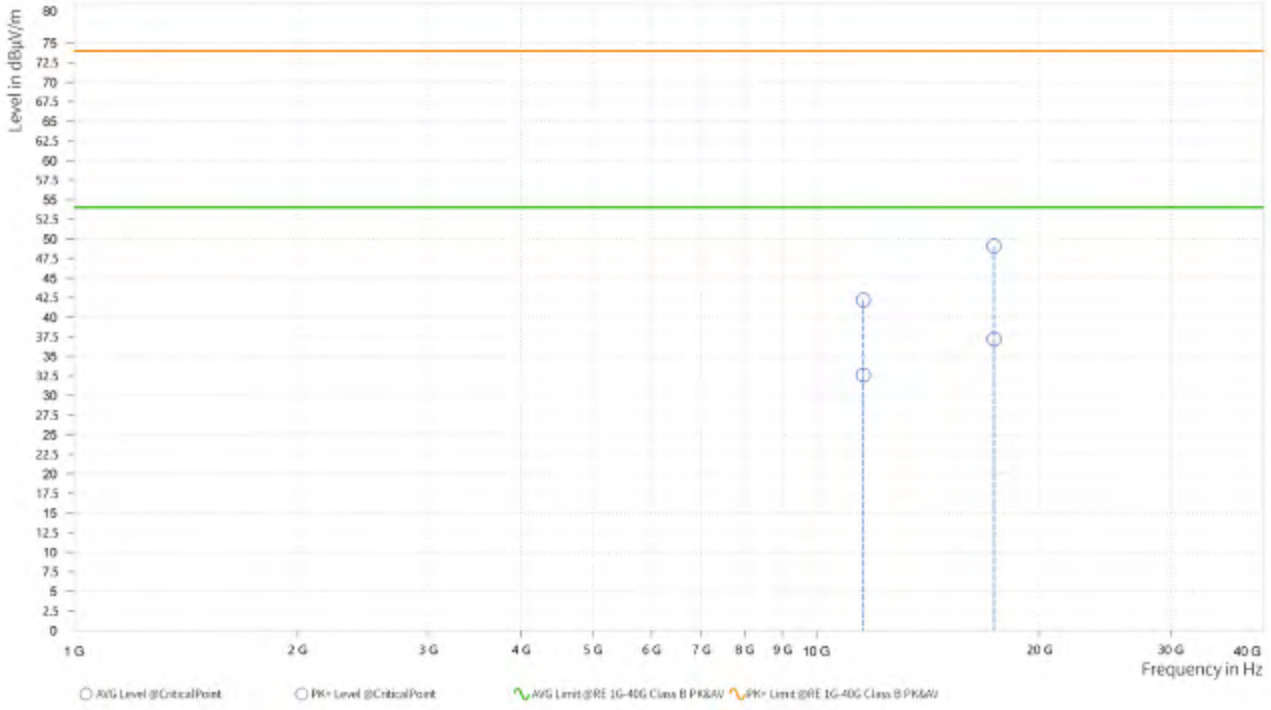
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,571.500	45.05	74.00	28.95	33.21	54.00	20.79	12.15	H	359	2
4	17,353.500	50.55	74.00	23.45	39.16	54.00	14.84	21.27	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]
4	11,571.000	42.19	74.00	31.81	32.61	54.00	21.39	12.16	V	1	2
4	17,353.500	49.07	74.00	24.93	37.21	54.00	16.79	21.27	V	358.3	2



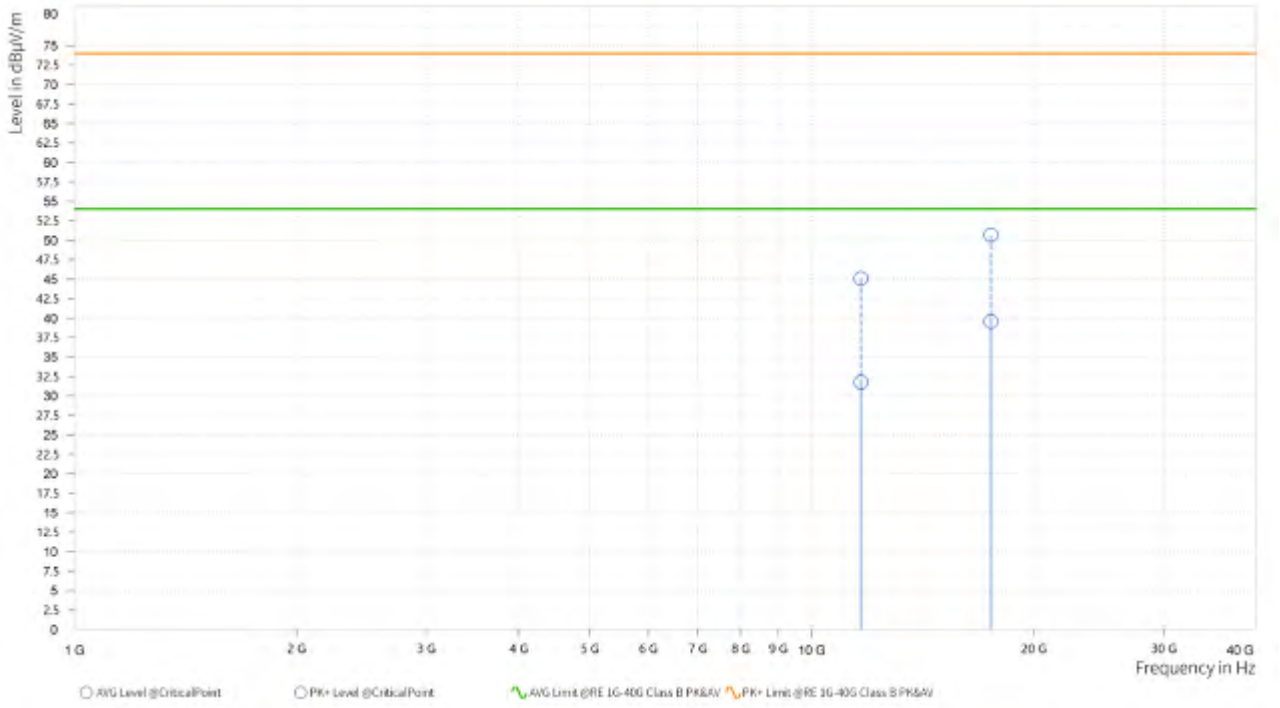
REMARKS:

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) Average (AV)
FREQUENCY RANGE	1GHz ~ 40GHz		

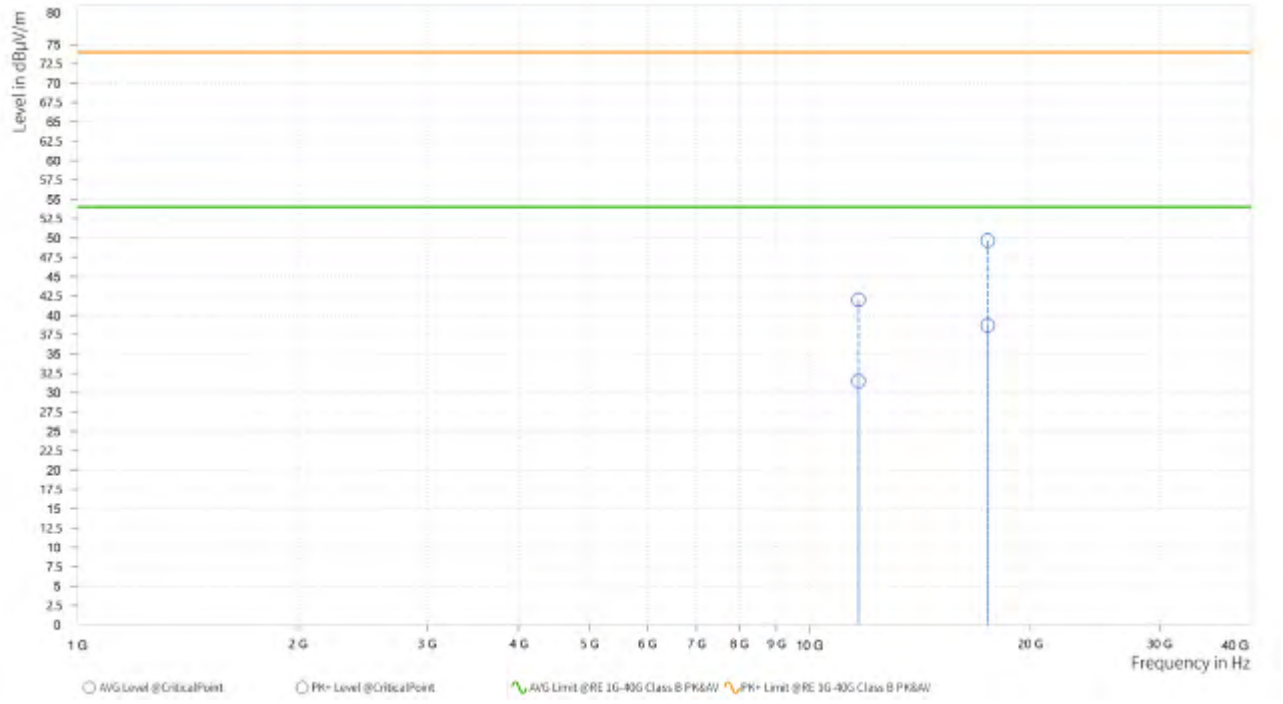
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,651.000	45.10	74.00	28.90	31.77	54.00	22.23	11.28	H	359	1
4	17,475.000	50.67	74.00	23.33	39.53	54.00	14.47	22.01	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]
4	11,650.000	41.99	74.00	32.01	31.50	54.00	22.50	11.28	V	358.3	2
4	17,475.500	49.64	74.00	24.36	38.71	54.00	15.29	22.01	V	359	2



REMARKS:

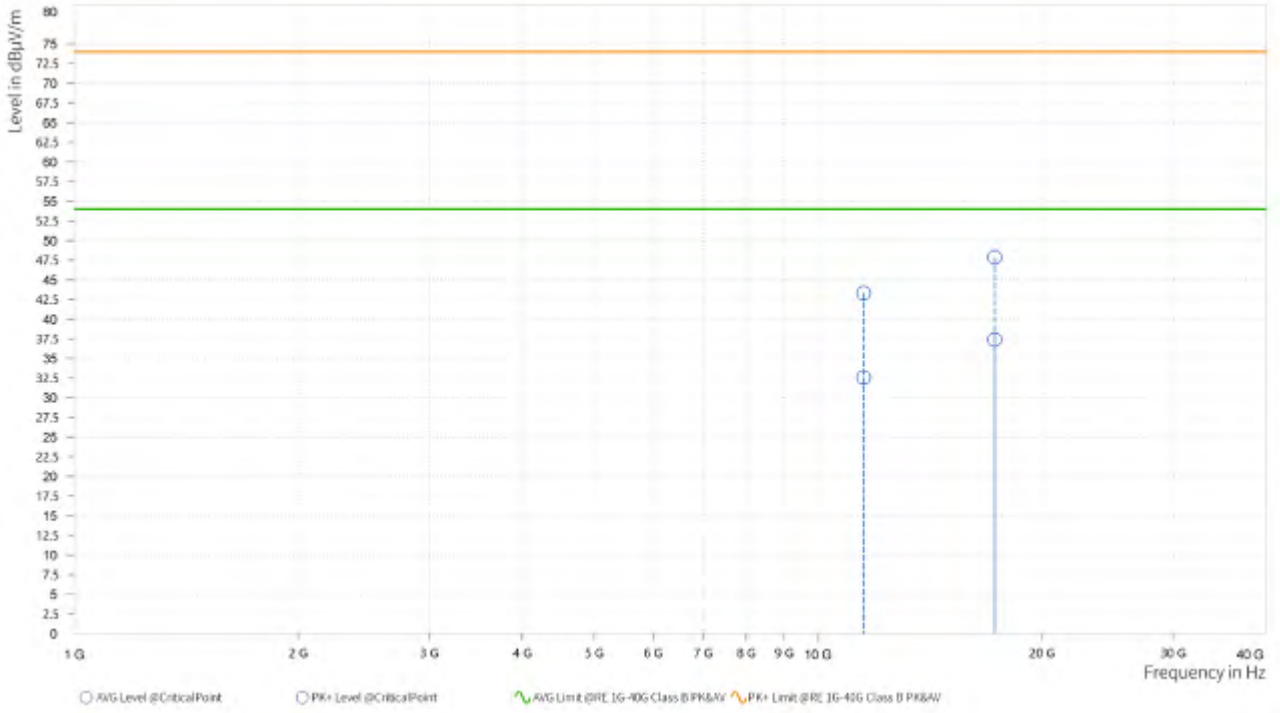
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value- Emission level.
2. 5825MHz: Fundamental frequency.

802.11ac (40MHz)

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

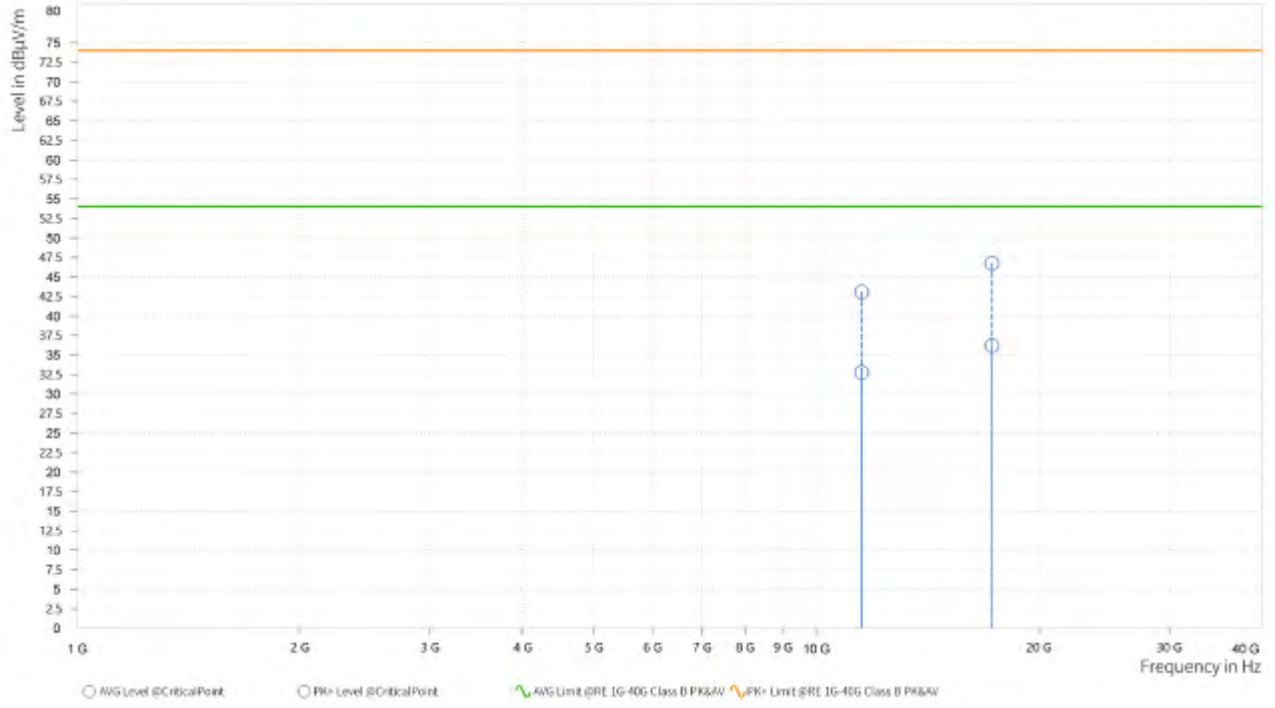
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,510.500	43.32	74.00	30.68	32.61	54.00	21.39	12.57	H	358.4	2
4	17,266.000	47.89	74.00	26.11	37.39	54.00	16.61	20.99	H	359.1	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]
4	11,511.000	43.09	74.00	30.91	32.76	54.00	21.24	12.57	V	358.1	2
4	17,264.500	46.72	74.00	27.28	36.17	54.00	17.83	20.98	V	358.1	2



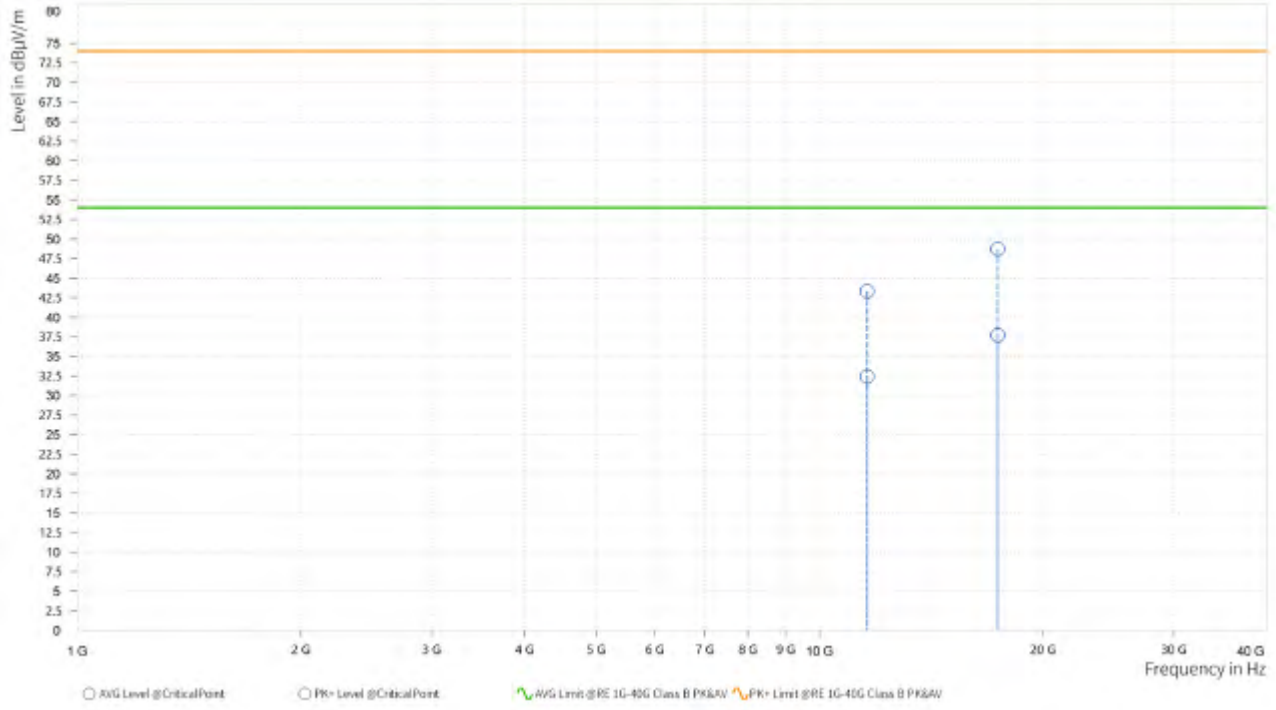
REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value- Emission level.
2. 5755MHz: Fundamental frequency.

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

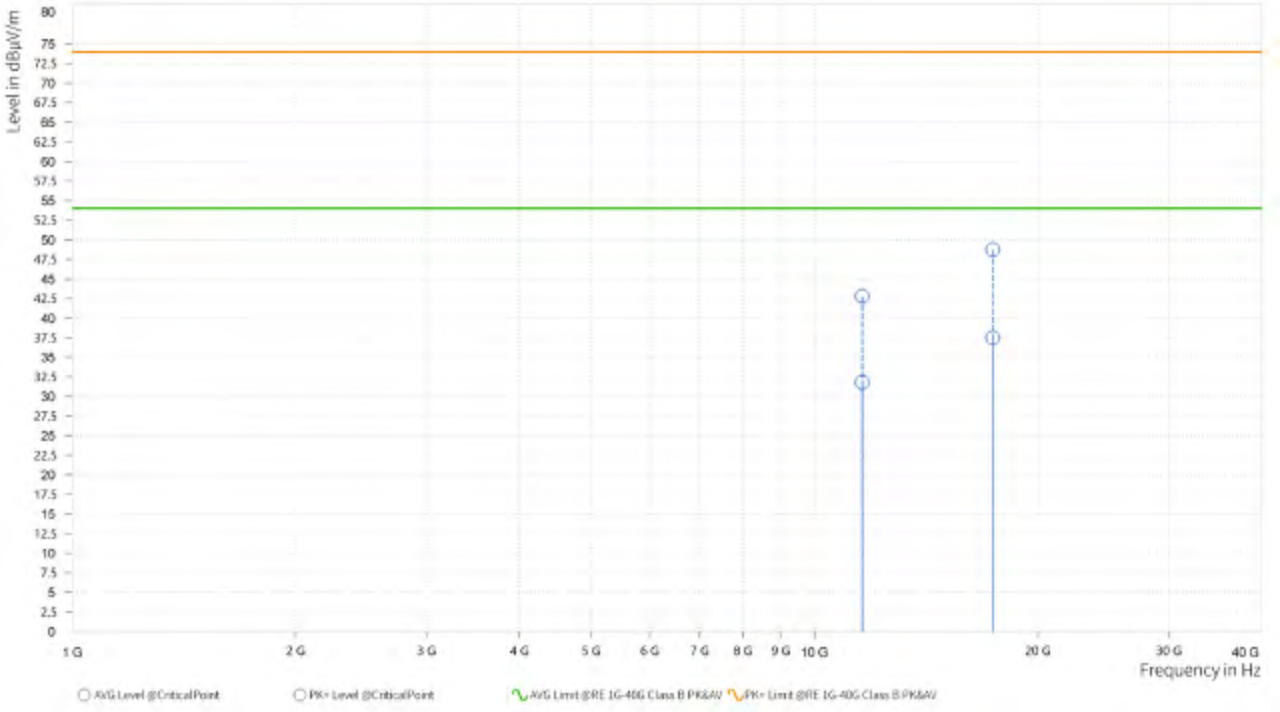
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,590.500	43.30	74.00	30.70	32.43	54.00	21.57	11.93	H	359	2
4	17,385.000	48.72	74.00	25.28	37.69	54.00	16.31	21.29	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]
4	11,590.000	42.81	74.00	31.19	31.81	54.00	22.19	11.94	V	0.9	2
4	17,386.000	48.73	74.00	25.27	37.50	54.00	16.50	21.29	V	0.9	2



REMARKS:

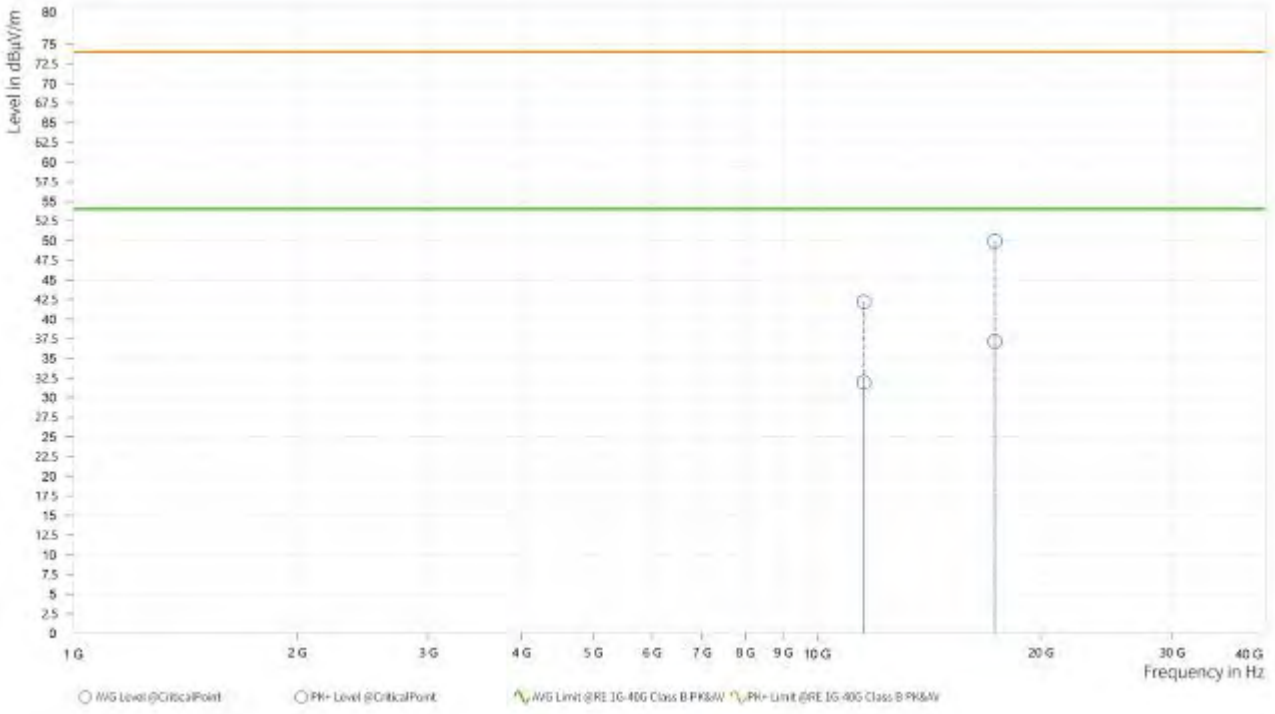
1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value- Emission level.
2. 5795MHz: Fundamental frequency.

802.11ac (80MHz)

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

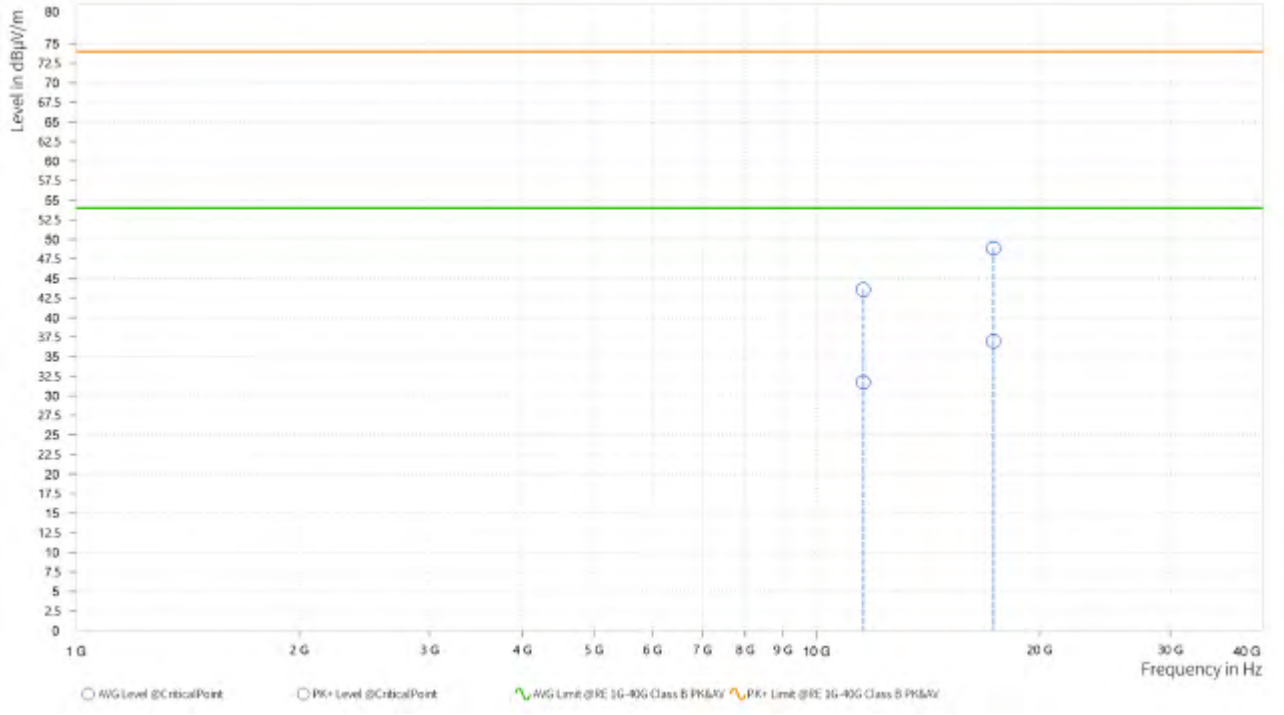
ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

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]
4	11,550.000	42.20	74.00	31.80	31.94	54.00	22.06	12.40	H	358.4	1
4	17,326.000	49.91	74.00	24.09	37.15	54.00	16.85	21.25	H	1.6	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]
4	11,550.000	43.58	74.00	30.42	31.71	54.00	22.29	12.40	V	359	2
4	17,324.500	48.85	74.00	25.15	36.98	54.00	17.02	21.25	V	358.5	1



REMARKS:

1. Emission Level = Read Level+ Antenna Factor + Cable Loss- Preamp Factor
   Margin value = Limit value- Emission level.
2. 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	W61.01	N/A	Oct.27,23	Apr.26,24
CABLE	Rohde&Schwarz	W601	N/A	Apr.28,23	Oct.27,23
CABLE	Rohde&Schwarz	W601	N/A	Oct.27,23	Apr.26,24

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.

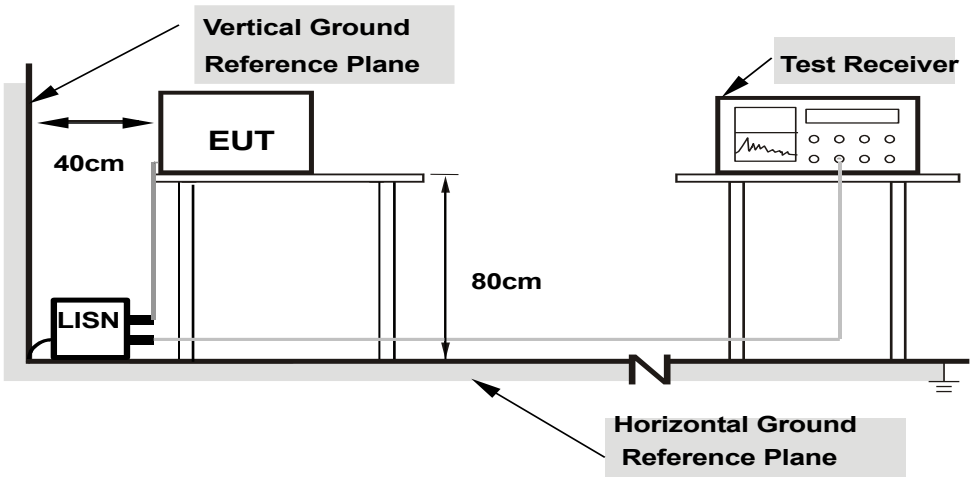
c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

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.

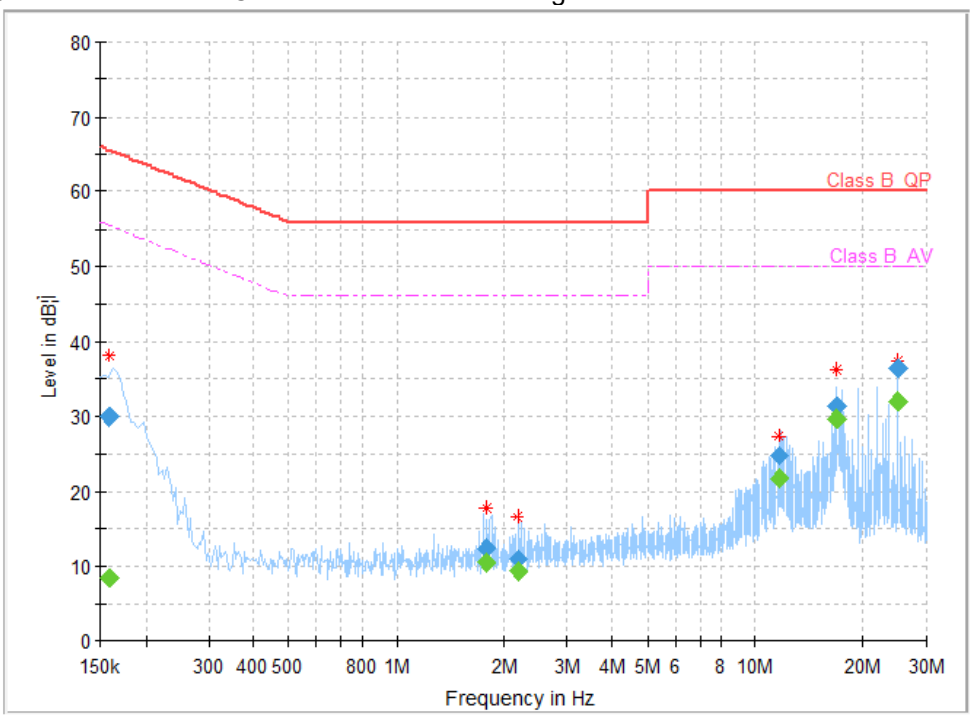
3.2.7 TEST RESULTS

CONDUCTED WORST-CASE DATA:

Frequency Range	150KHz ~ 30MHz	**Detector Function & Resolution Bandwidth**	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	DC 12V	**Environmental Conditions**	26deg. C, 51%RH
Tested By	Chao Wu		

Frequency (MHz)	QuasiPeak (dB µV)	CAverage (dB µV)	Limit (dB µV)	Margin (dB)	Line	Filter	Corr. (dB)
0.158000	---	8.31	55.57	47.26	L1	ON	9.7
0.158000	29.94	---	65.57	35.63	L1	ON	9.7
1.788000	---	10.57	46.00	35.43	L1	ON	9.7
1.788000	12.36	---	56.00	43.64	L1	ON	9.7
2.192000	---	9.28	46.00	36.72	L1	ON	9.7
2.192000	11.09	---	56.00	44.91	L1	ON	9.7
11.724000	---	21.68	50.00	28.32	L1	ON	9.8
11.724000	24.75	---	60.00	35.25	L1	ON	9.8
16.892000	---	29.74	50.00	20.26	L1	ON	9.8
16.892000	31.39	---	60.00	28.61	L1	ON	9.8
25.000000	---	32.10	50.00	17.90	L1	ON	9.8
25.000000	36.53	---	60.00	23.47	L1	ON	9.8

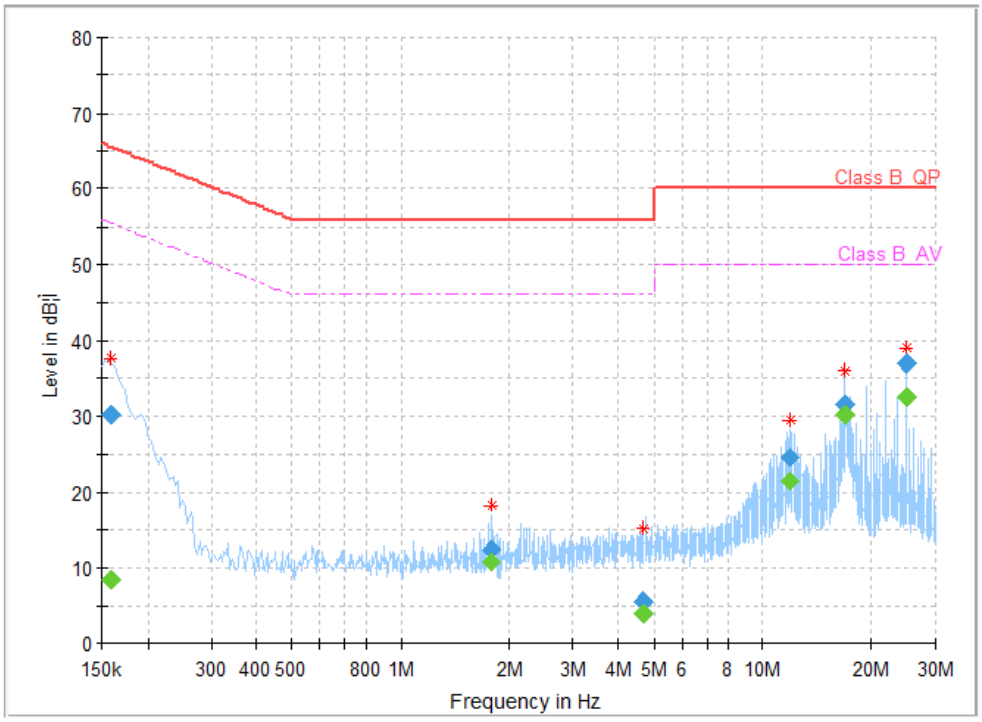
REMARKS: 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Limit 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	DC 12V	Environmental Conditions	26deg. C, 51%RH
Tested By	Chao Wu		

Frequency (MHz)	QuasiPeak (dB µV)	CAverage (dB µV)	Limit (dB µV)	Margin (dB)	Line	Filter	Corr. (dB)
0.158000	---	8.31	55.57	47.26	N	ON	9.7
0.158000	30.14	---	65.57	35.43	N	ON	9.7
1.788000	---	10.66	46.00	35.34	N	ON	9.8
1.788000	12.37	---	56.00	43.63	N	ON	9.8
4.708000	---	4.09	46.00	41.91	N	ON	9.8
4.708000	5.54	---	56.00	50.46	N	ON	9.8
11.984000	---	21.46	50.00	28.54	N	ON	9.8
11.984000	24.64	---	60.00	35.36	N	ON	9.8
16.892000	---	30.28	50.00	19.72	N	ON	9.9
16.892000	31.60	---	60.00	28.40	N	ON	9.9
25.000000	---	32.58	50.00	17.42	N	ON	9.9
25.000000	37.06	---	60.00	22.94	N	ON	9.9

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

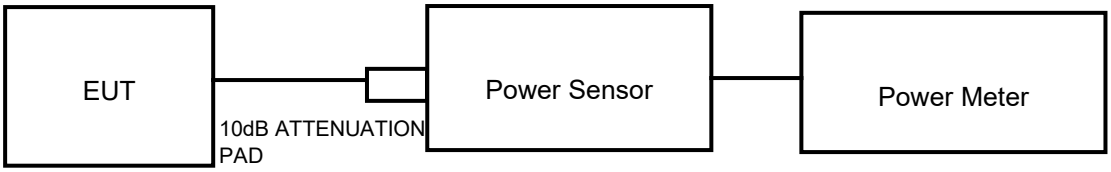
Operation Band	EUT Category		LIMIT
U-NII-1		Outdoor Access Point	1 Watt (30 dBm) (Max. e.i.r.p ≦ 125mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon)
		Fixed point-to-point Access Point	1 Watt (30 dBm)
	B	Indoor Access Point	1 Watt (30 dBm)
	√	Client devices	250mW (24 dBm)
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.

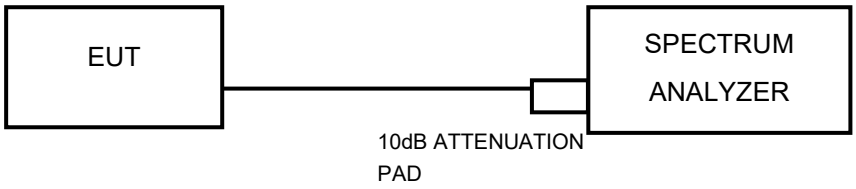
3.3.2 TEST SETUP

FOR POWER OUTPUT MEASUREMENT

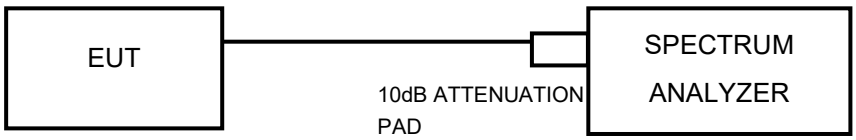
802.11a, 802.11n/ac(20MHz), 802.11 n/ac (40MHz) TEST CONFIGURATION



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-03-20-069	Oct.27,23	Apr.26,24
CABLE	R&S	J12J103539-00-1	SEP-03-20-070	Apr.28,23	Oct.27,23
CABLE	R&S	J12J103539-00-1	SEP-03-20-070	Oct.27,23	Apr.26,24
Test Software	EMC32	EMC32	N/A	N/A	N/A
Temperature Chamber	votsch	VT4002	585660781000050	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 ≥ 3 MHz.
5. Number of points in sweep ≥ 2 × span / RBW. (This ensures that bin-to-bin spacing is ≤ 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 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 ≥ 3 · 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.

3.3.7 TEST RESULTS

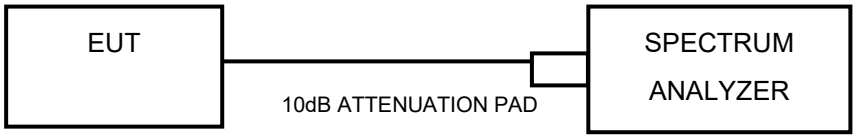
Please Refer to Appendix Of this test report.

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 ≥ 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 ≥ 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(500kHz/RBW) to the test result. 10 log(500kHz/300KHZ) = 2.22dBm

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.

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

4 PHOTOGRAPHS OF THE TEST CONFIGURATION

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

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 A:

EMISSION BANDWIDTH

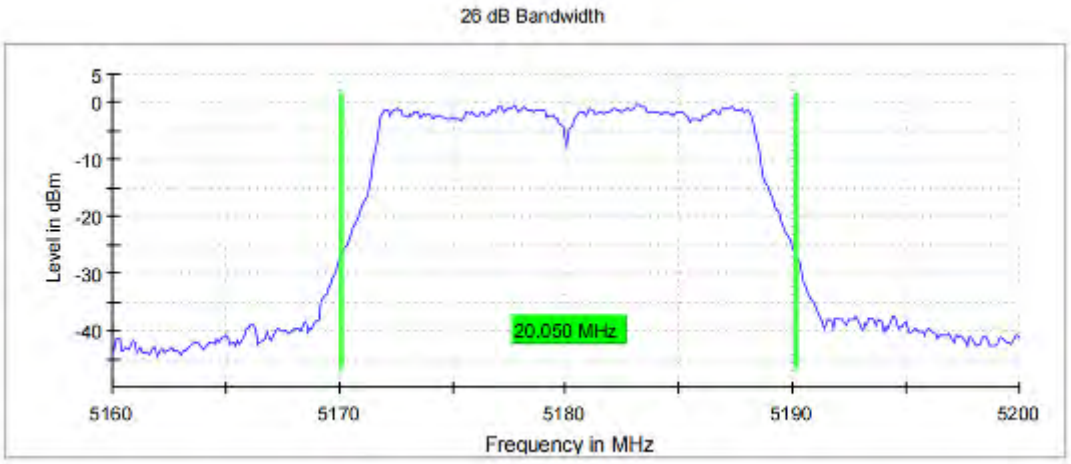
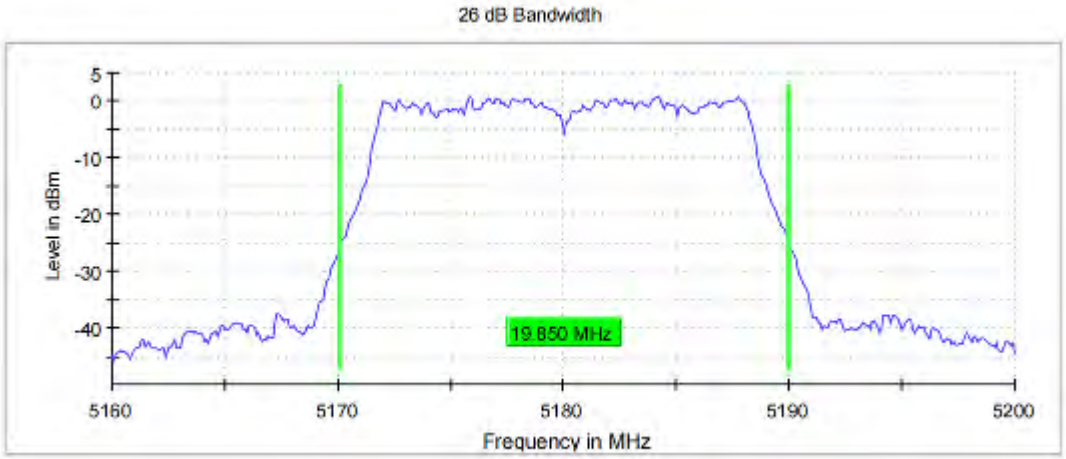
TEST RESULT

TestMode	Antenna	Frequency [MHz]	26db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5180	20.050	5170.125	5190.175	---	---
	Ant1	5180	19.850	5170.125	5189.975	---	---
	Ant0	5200	26.366	5187.018	5213.383	---	---
	Ant1	5200	26.165	5187.118	5213.283	---	---
	Ant0	5240	28.170	5225.213	5253.383	---	---
	Ant1	5240	27.068	5225.313	5252.381	---	---
	Ant0	5260	20.150	5250.025	5270.175	---	---
	Ant1	5260	20.150	5249.925	5270.075	---	---
	Ant0	5300	20.050	5290.125	5310.175	---	---
	Ant1	5300	19.850	5290.125	5309.975	---	---
	Ant0	5320	20.050	5310.125	5330.175	---	---
	Ant1	5320	19.850	5310.125	5329.975	---	---
	Ant0	5500	20.050	5490.125	5510.175	---	---
	Ant1	5500	19.950	5490.125	5510.075	---	---
	Ant0	5580	34.486	5562.907	5597.393	---	---
	Ant1	5580	35.890	5562.206	5598.095	---	---
	Ant0	5700	20.451	5689.724	5689.724	---	---
	Ant1	5700	25.063	5687.519	5687.519	---	---
	Ant0	5720	35.789	5702.907	5702.907	---	---
	Ant1	5720	38.195	5700.401	5700.401	---	---
	Ant0	5745	28.371	5730.313	5758.684	---	---
	Ant1	5745	28.972	5728.609	5757.581	---	---
	Ant0	5785	28.872	5769.812	5798.684	---	---
	Ant1	5785	31.078	5770.313	5801.391	---	---
	Ant0	5825	31.278	5810.213	5841.491	---	---
	Ant1	5825	33.684	5807.707	5841.391	---	---
11N20-MIMO	Ant0	5180	20.150	5170.025	5190.175	---	---
	Ant1	5180	20.251	5169.925	5190.175	---	---
	Ant0	5200	20.852	5189.724	5210.576	---	---
	Ant1	5200	20.852	5189.524	5210.376	---	---
	Ant0	5240	21.153	5229.424	5250.576	---	---

	Ant1	5240	20.652	5229.524	5250.175	---	---
	Ant0	5260	20.351	5249.825	5270.175	---	---
	Ant1	5260	20.150	5249.925	5270.075	---	---
	Ant0	5300	20.251	5289.925	5310.175	---	---
	Ant1	5300	20.150	5289.925	5310.075	---	---
	Ant0	5320	20.150	5310.025	5330.175	---	---
	Ant1	5320	20.050	5309.925	5329.975	---	---
	Ant0	5500	20.251	5489.925	5510.175	---	---
	Ant1	5500	20.150	5490.025	5510.175	---	---
	Ant0	5580	31.278	5564.812	5596.090	---	---
	Ant1	5580	31.679	5565.414	5597.093	---	---
	Ant0	5700	20.251	5689.925	5710.175	---	---
	Ant1	5700	20.150	5690.025	5710.175	---	---
	Ant0	5720	31.378	19.286	12.093	---	---
	Ant1	5720	32.080	19.987	12.093	---	---
	Ant0	5745	29.774	5730.714	5760.489	---	---
	Ant1	5745	28.471	5730.414	5758.885	---	---
	Ant0	5785	28.170	5770.714	5798.885	---	---
	Ant1	5785	28.070	5770.815	5798.885	---	---
	Ant0	5825	24.261	5814.624	5838.885	---	---
	Ant1	5825	28.070	5813.922	5841.992	---	---
11N40-MIMO	Ant0	5190	40.150	5170.150	5210.301	---	---
	Ant1	5190	40.301	5170.000	5210.301	---	---
	Ant0	5230	40.150	5210.000	5250.150	---	---
	Ant1	5230	40.301	5209.699	5250.000	---	---
	Ant0	5270	40.000	5250.150	5290.150	---	---
	Ant1	5270	40.602	5249.850	5290.451	---	---
	Ant0	5310	42.707	5289.549	5332.256	---	---
	Ant1	5310	40.451	5289.699	5330.150	---	---
	Ant0	5510	40.000	5490.150	5530.150	---	---
	Ant1	5510	40.000	5490.150	5530.150	---	---
	Ant0	5550	40.451	5529.699	5570.150	---	---
	Ant1	5550	40.602	5529.548	5570.150	---	---
	Ant0	5670	39.850	5650.000	5689.850	---	---
	Ant1	5670	40.602	5649.699	5690.301	---	---
	Ant0	5710	40.000	5690.150	5730.150	---	---

	Ant1	5710	40.752	5689.850	5730.602	---	---
	Ant0	5755	40.000	5735.000	5775.000	---	---
	Ant1	5755	40.301	5734.699	5775.000	---	---
	Ant0	5795	40.000	5775.000	5815.000	---	---
	Ant1	5795	40.451	5774.850	5815.301	---	---
11AC80-MIMO	Ant0	5210	82.759	5168.621	5251.379	---	---
	Ant1	5210	82.759	5168.621	5251.379	---	---
	Ant0	5290	82.759	5248.621	5331.379	---	---
	Ant1	5290	83.260	5248.621	5331.881	---	---
	Ant0	5530	82.759	5488.621	5571.379	---	---
	Ant1	5530	82.759	5488.621	5571.379	---	---
	Ant0	5610	82.759	5568.621	5651.379	---	---
	Ant1	5610	82.759	5568.621	5651.379	---	---
	Ant0	5690	82.759	5648.620	5731.379	---	---
	Ant1	5690	83.260	5648.621	5731.881	---	---
	Ant0	5775	82.759	5733.621	5816.379	---	---
	Ant1	5775	82.759	5733.621	5816.379	---	---

TEST GRAPHS

11A_Ant0_5180

11A_Ant1_5180

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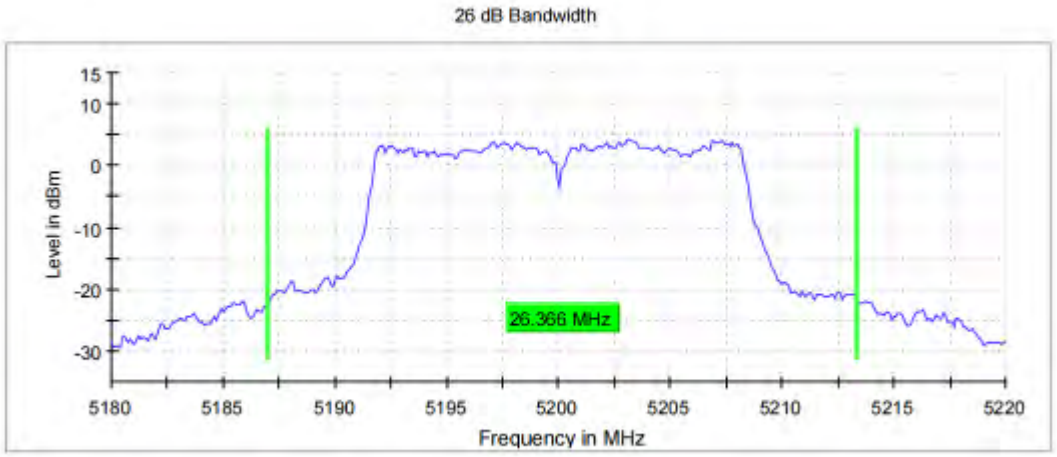

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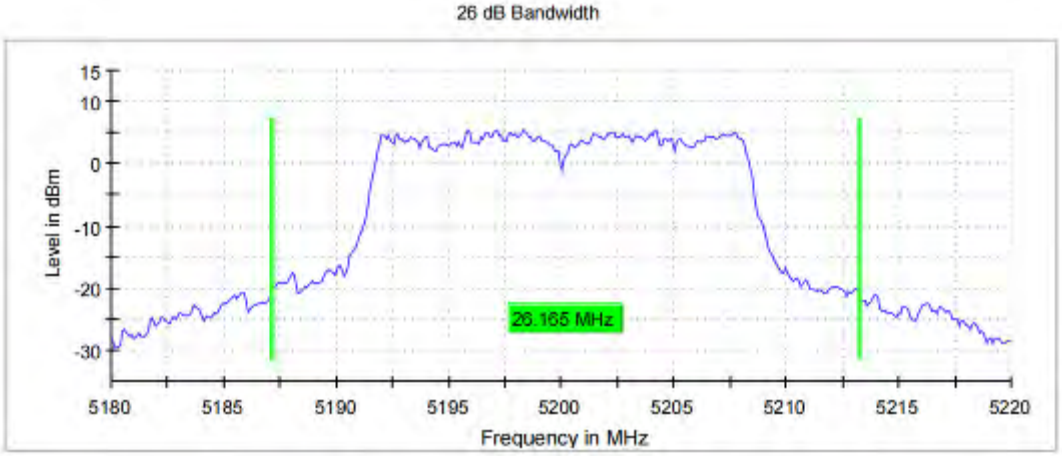

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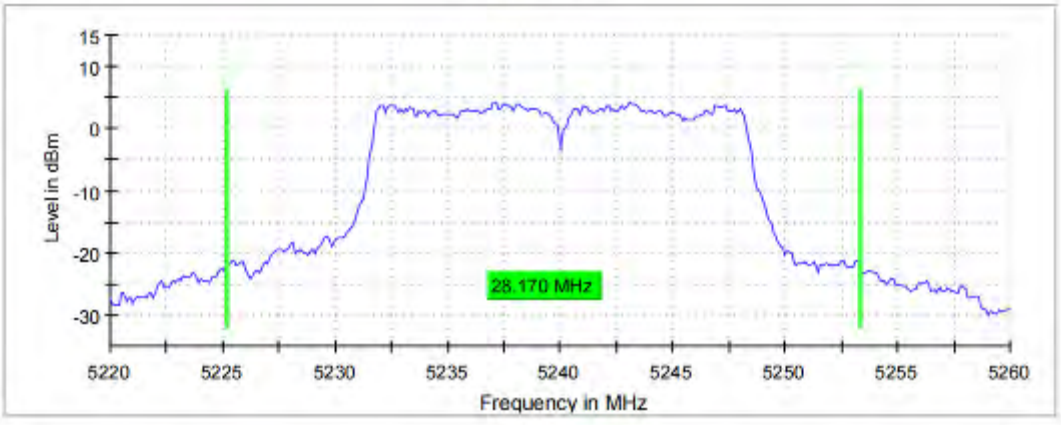
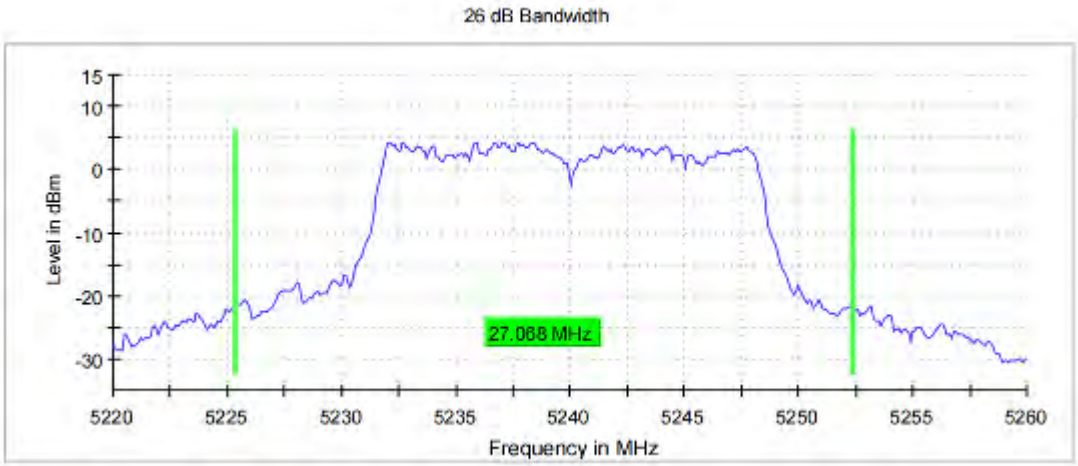


11A _Ant1_5240



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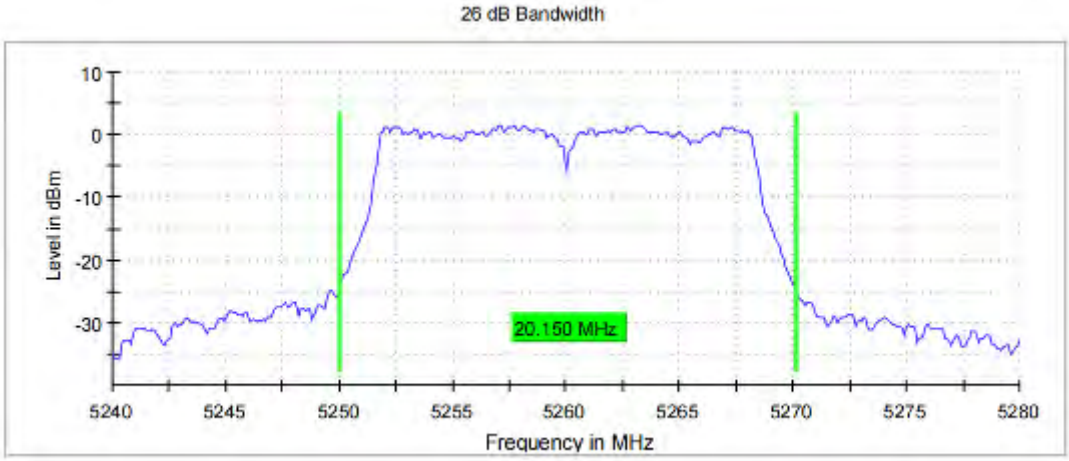
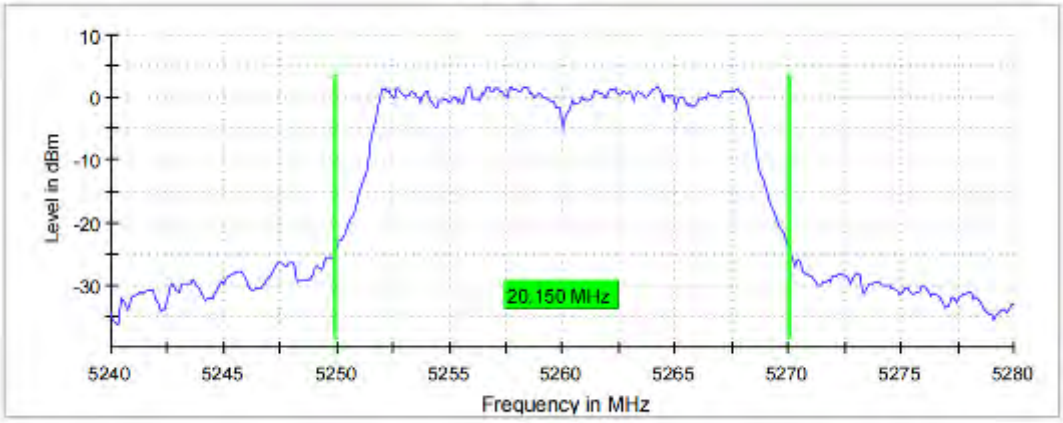
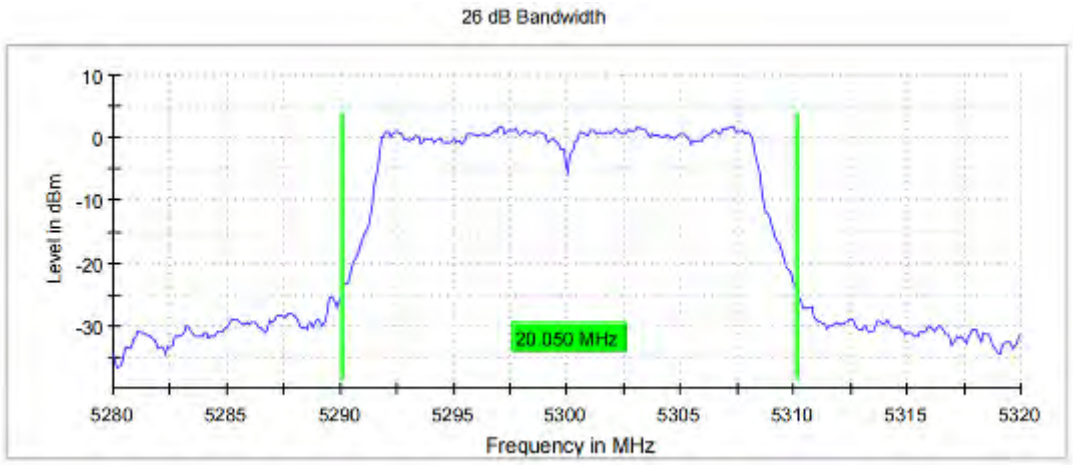


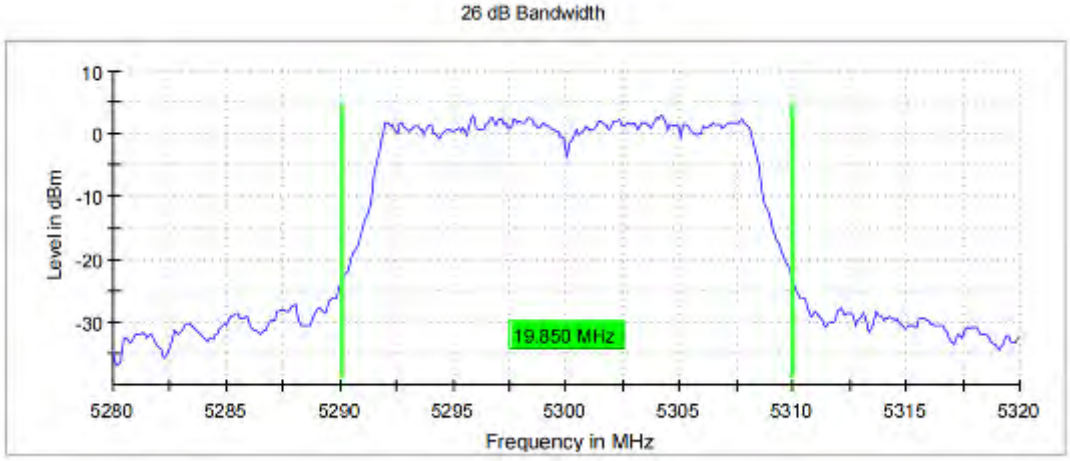
11A _Ant1_5260



11A _Ant0_5300



11A _Ant1_5300



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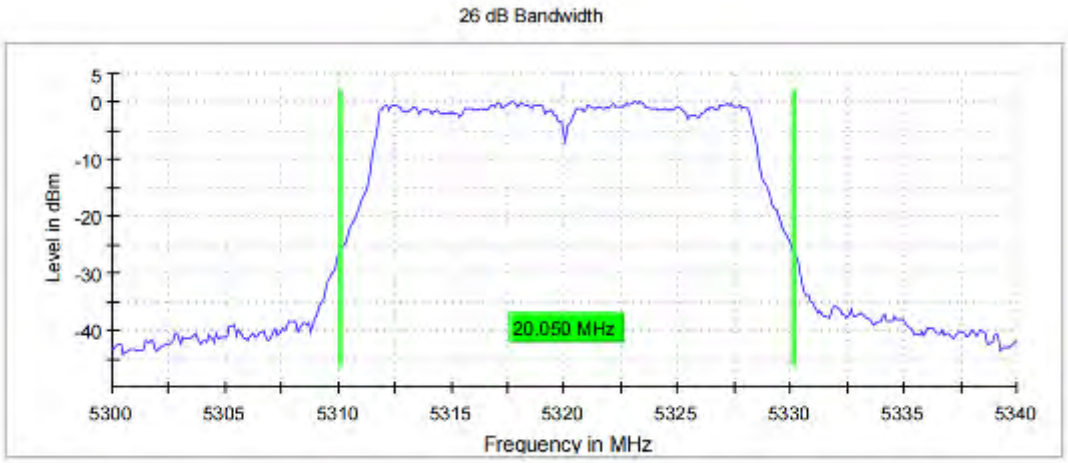

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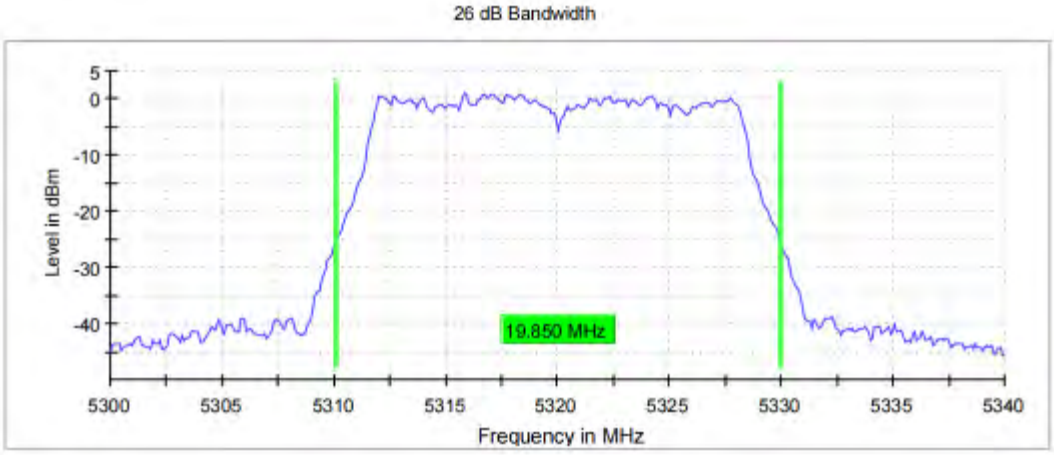

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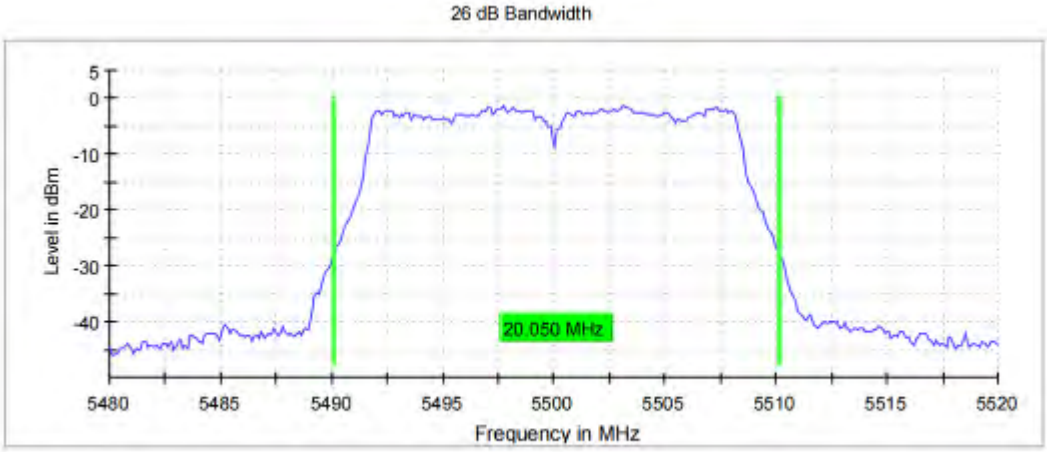
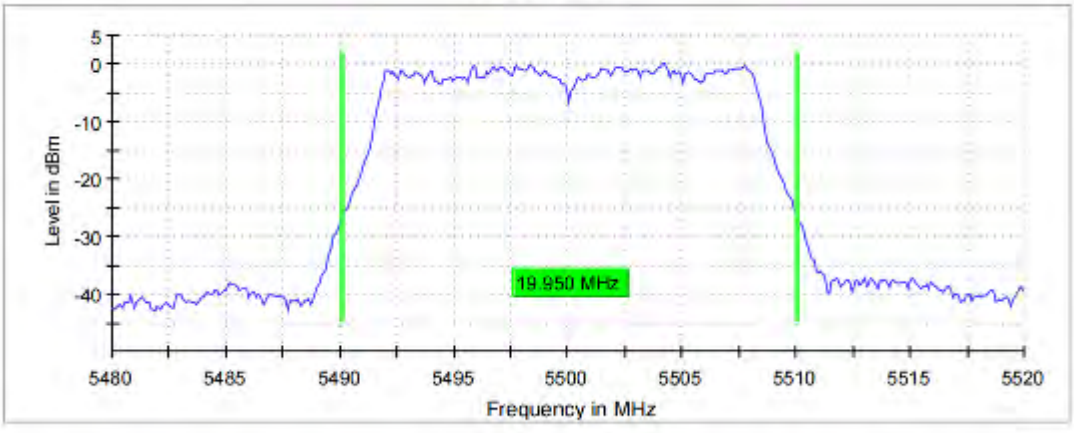
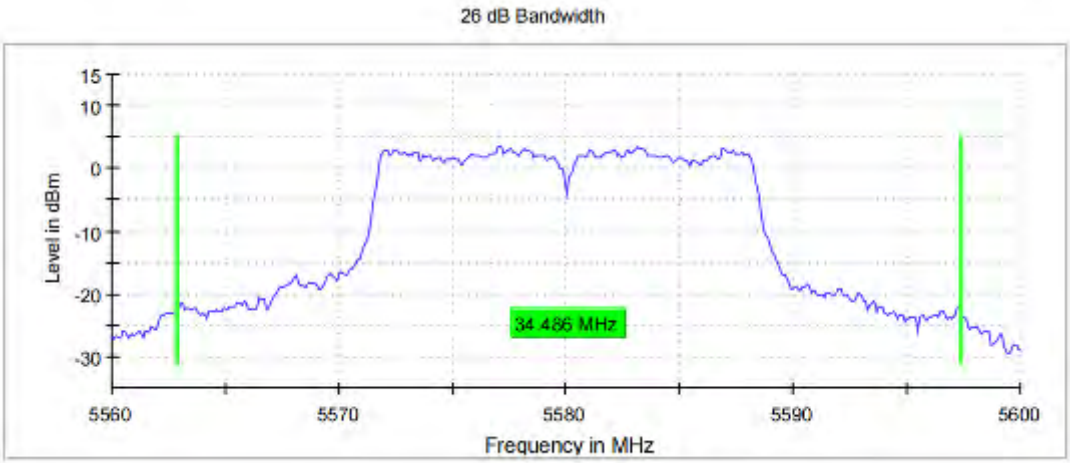


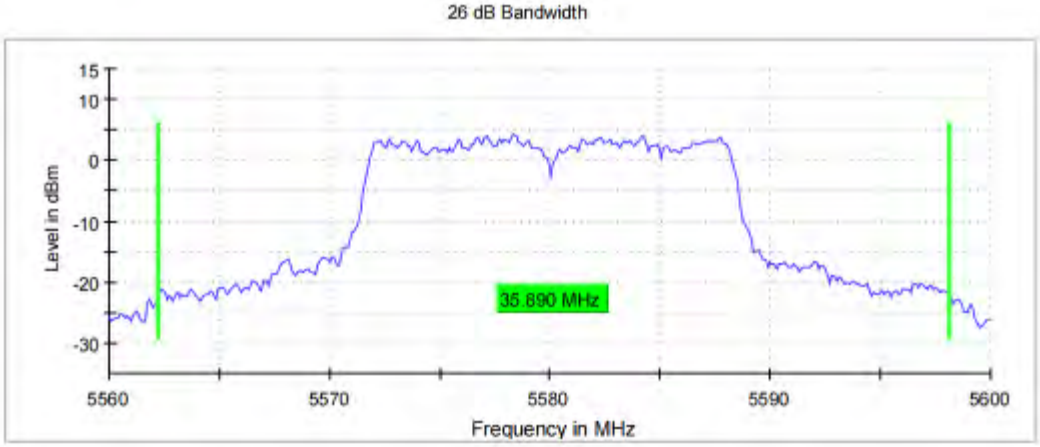
11A _Ant1_5500



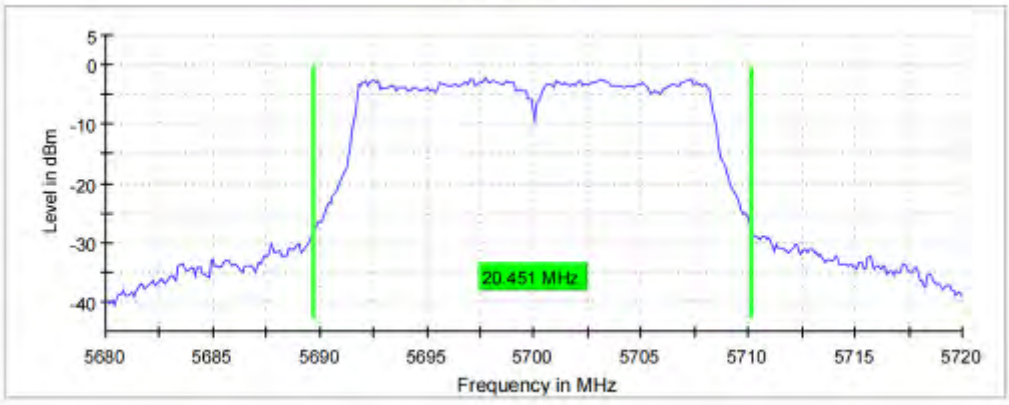
11A _Ant0_5580



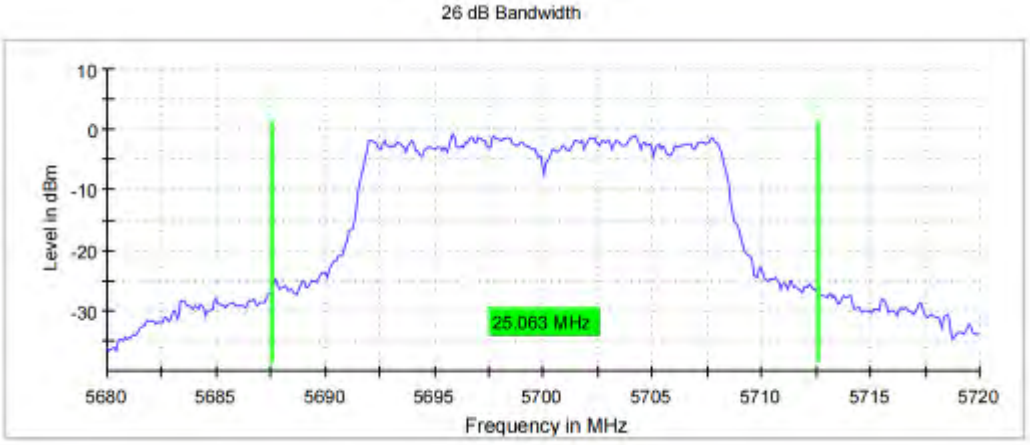
11A _Ant1_5580



11A _Ant0_5700



11A _Ant1_5700



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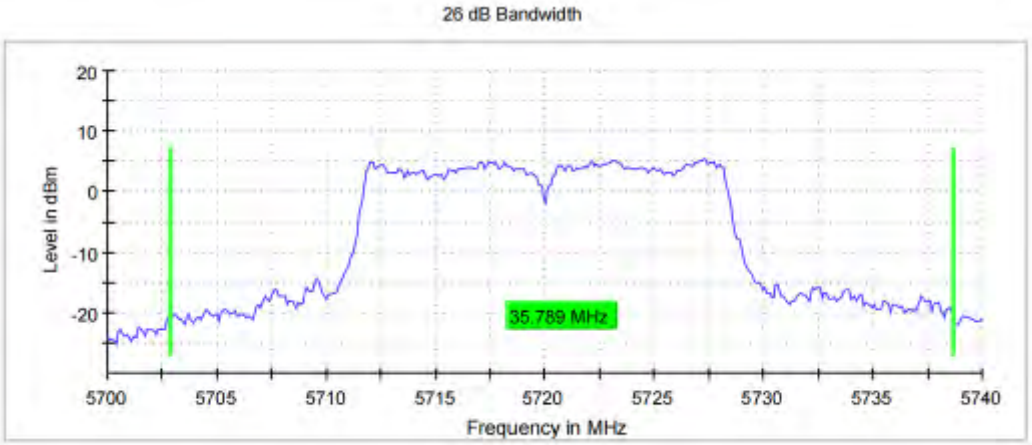

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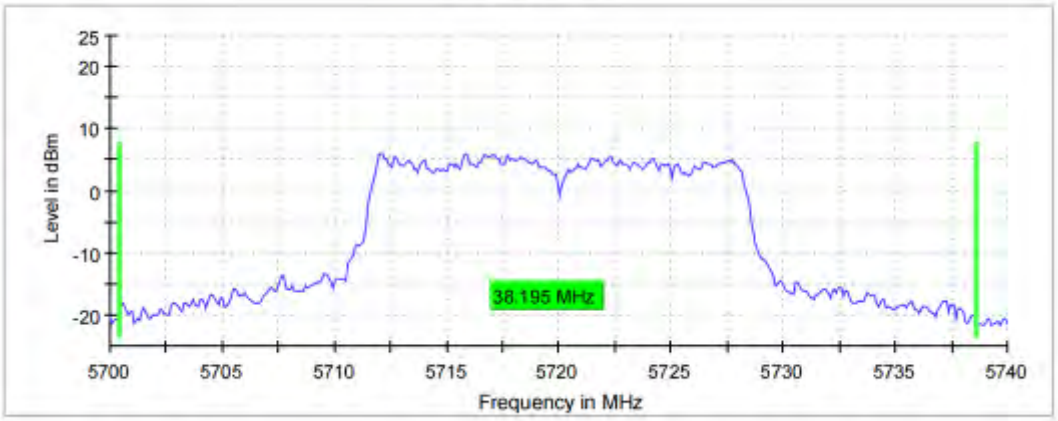
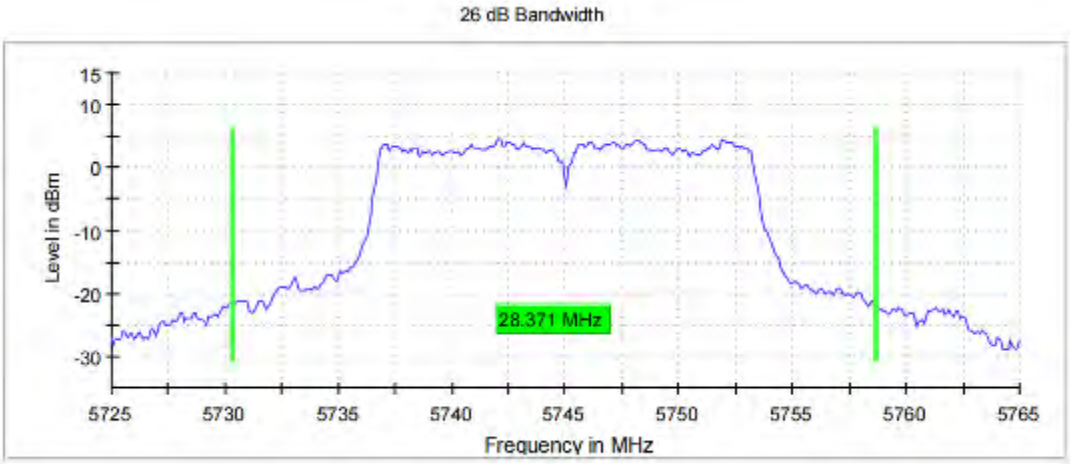
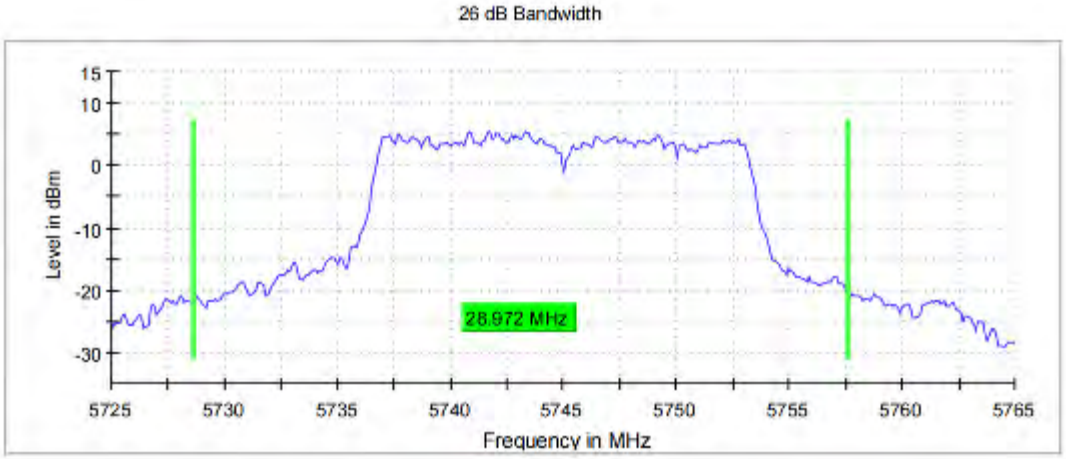


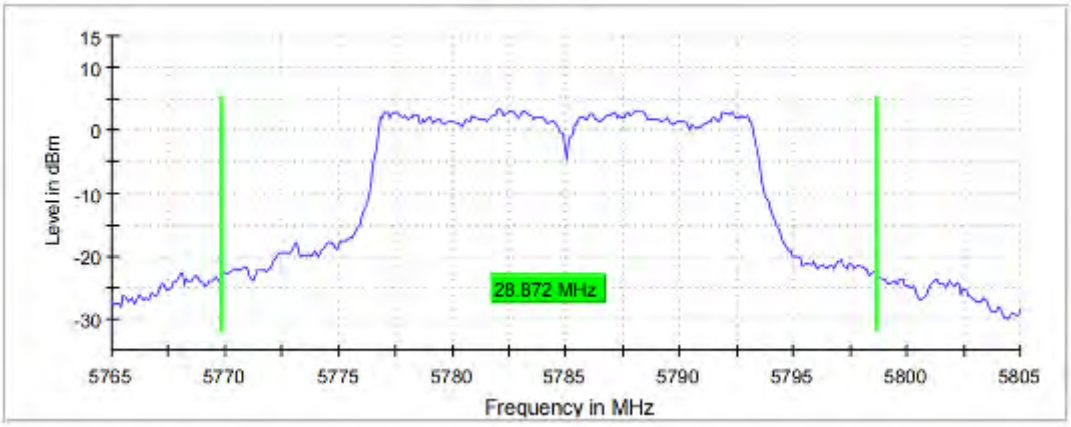
11A _Ant0_5745



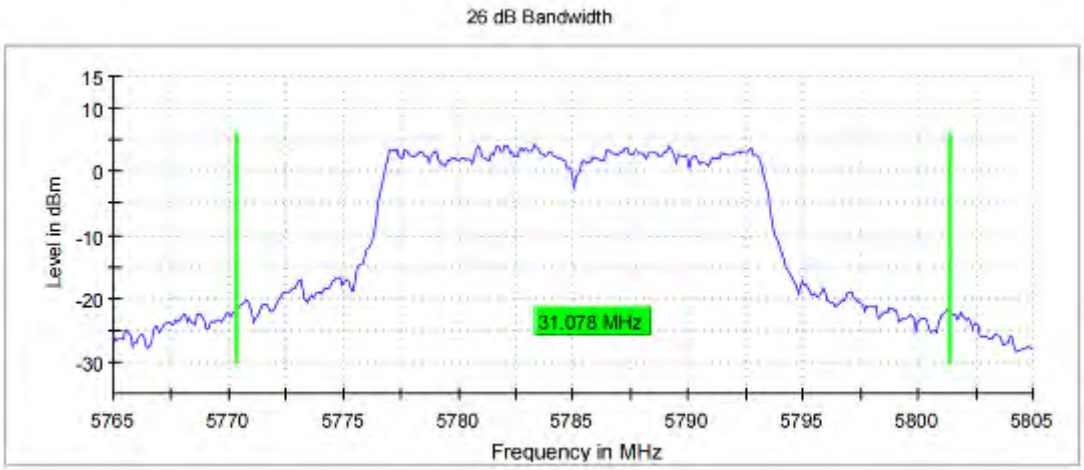
11A _Ant1_5745



11A _Ant0_5785



11A _Ant1_5785



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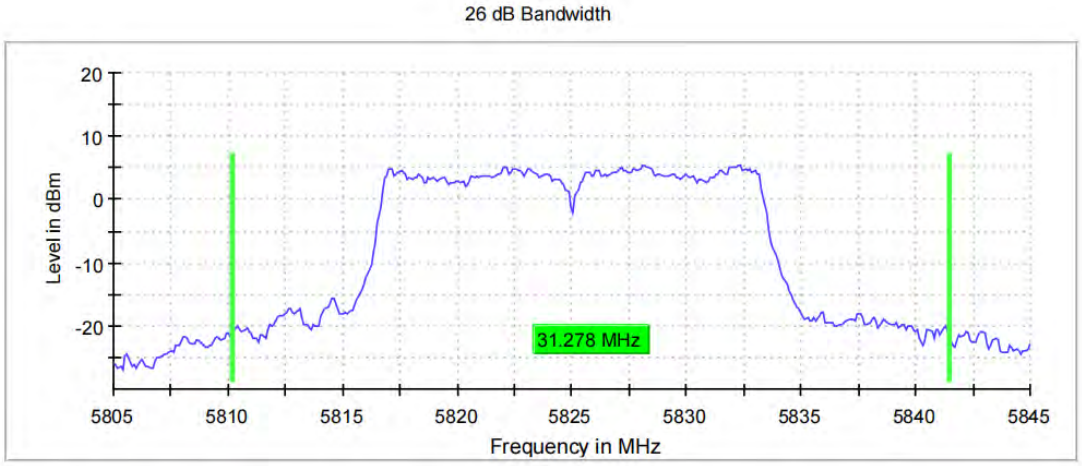

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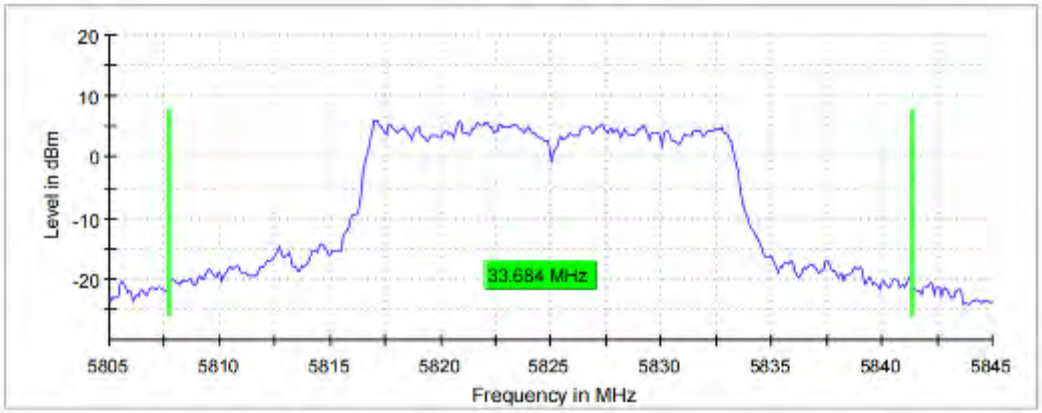

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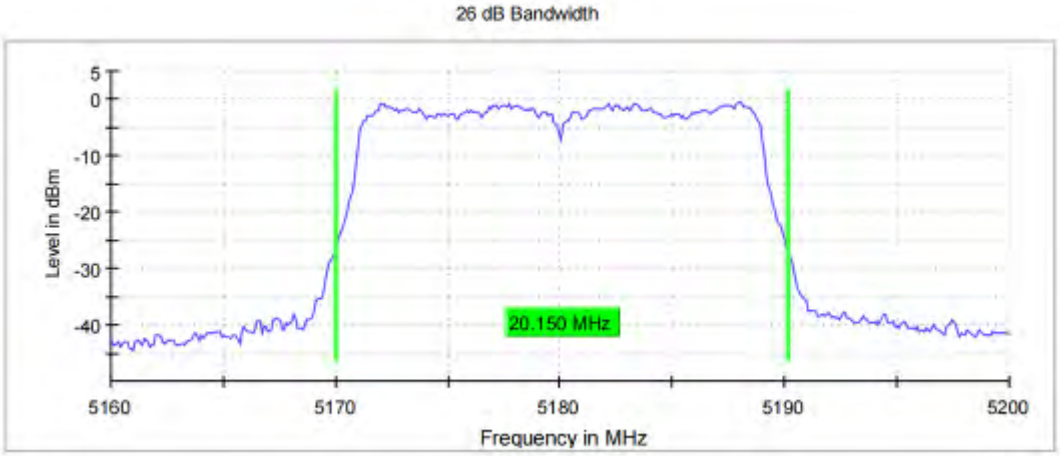

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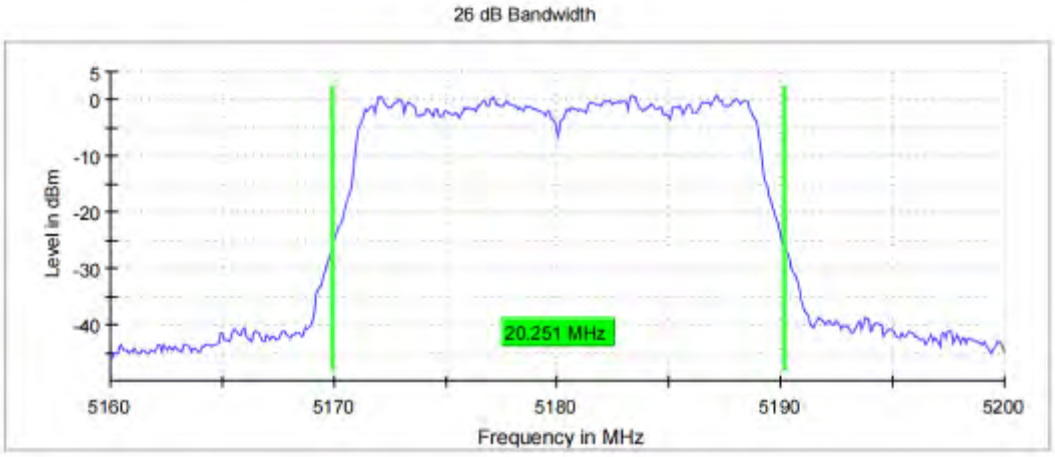

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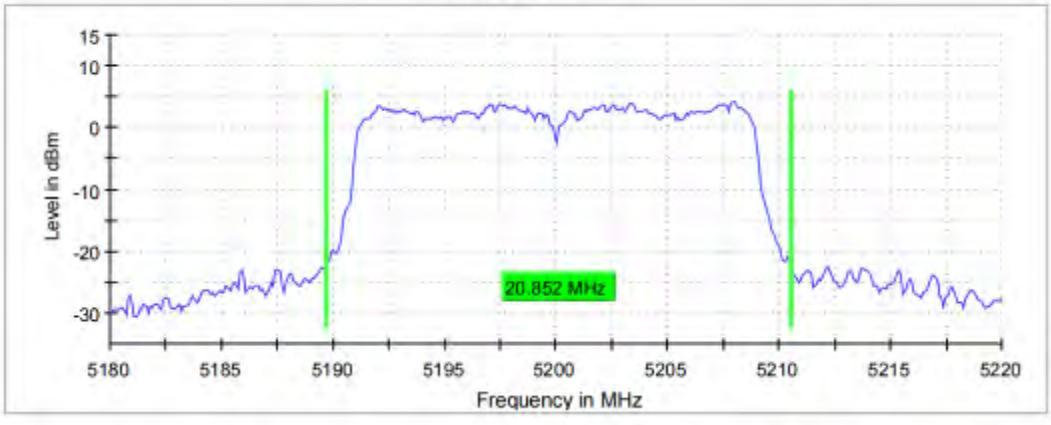

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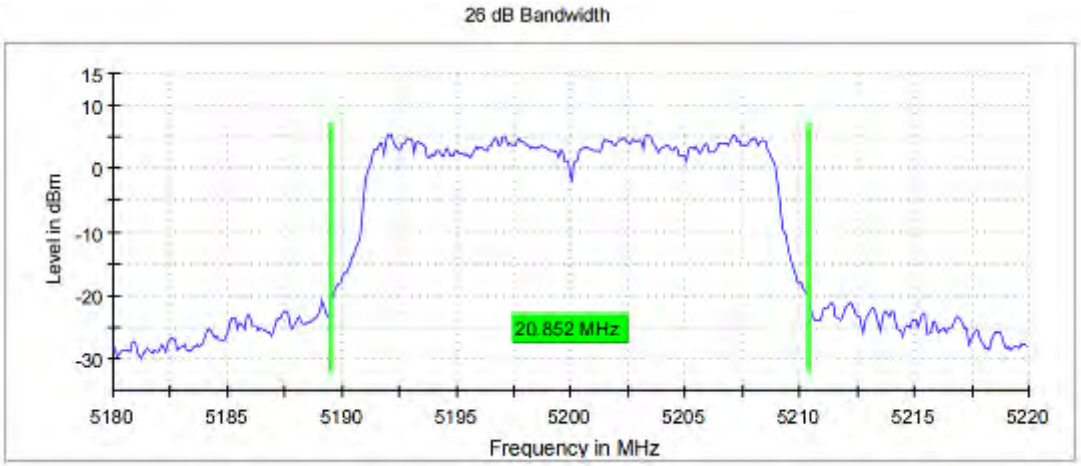

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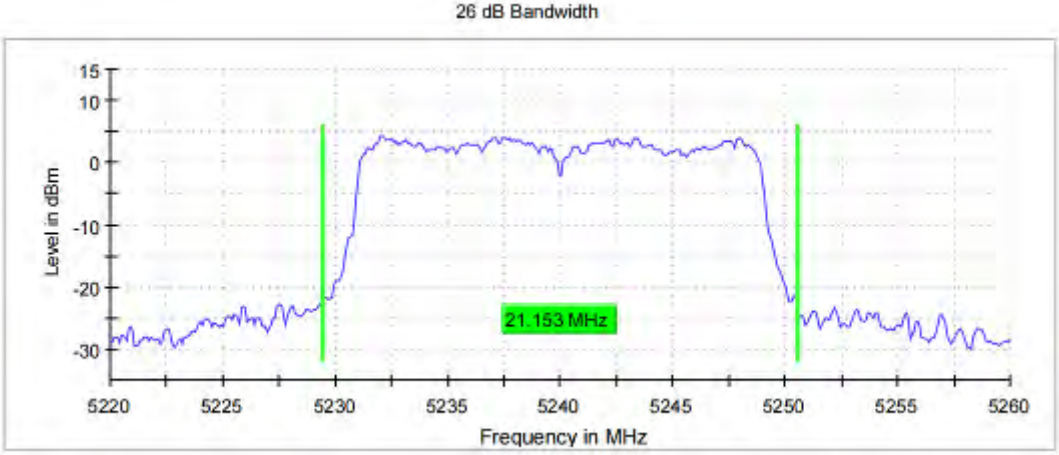

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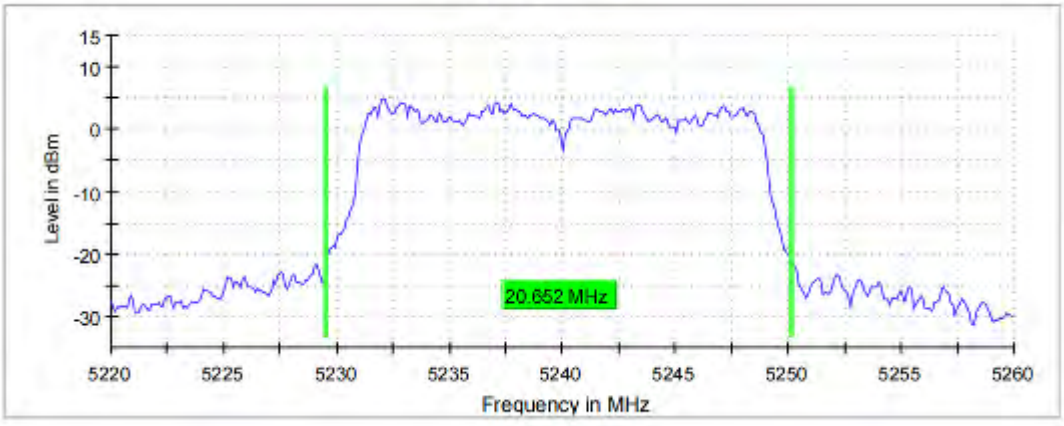

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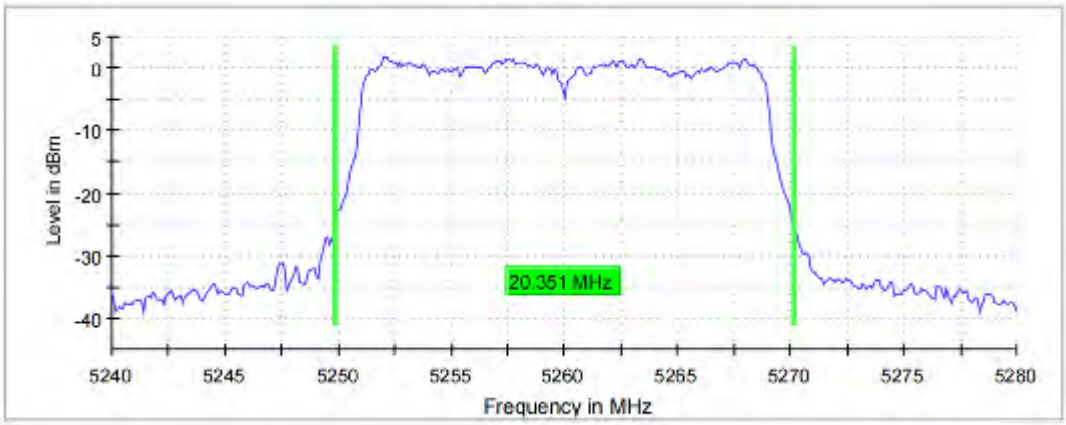

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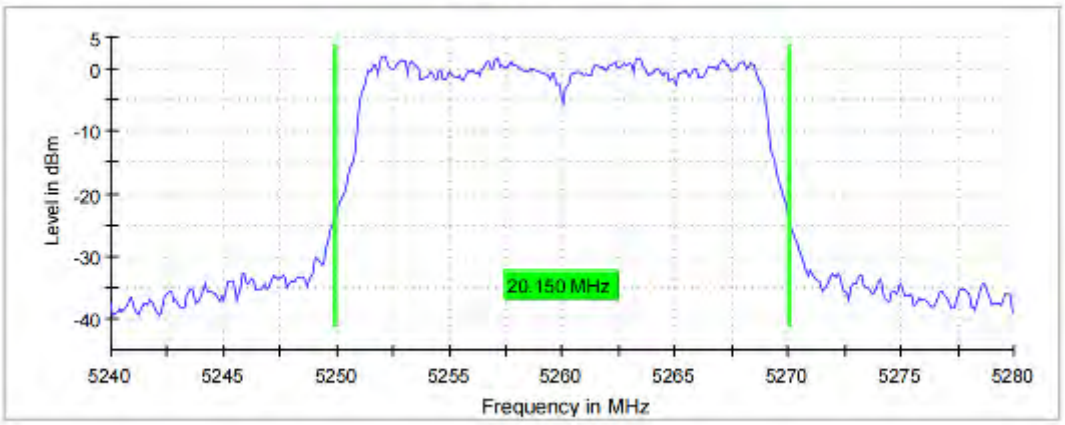

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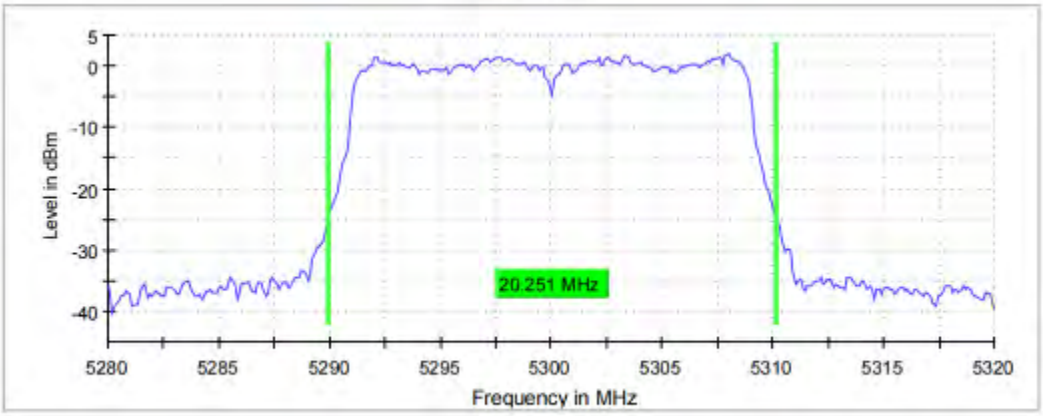

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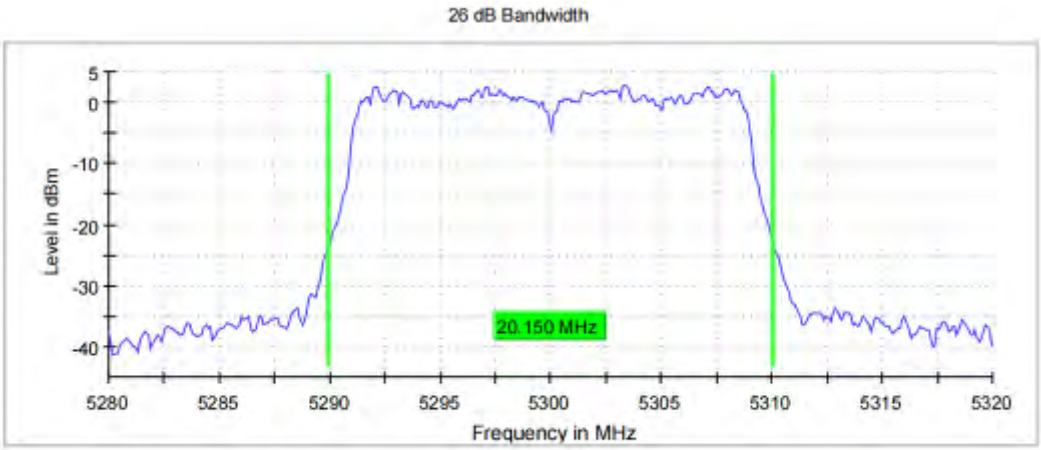

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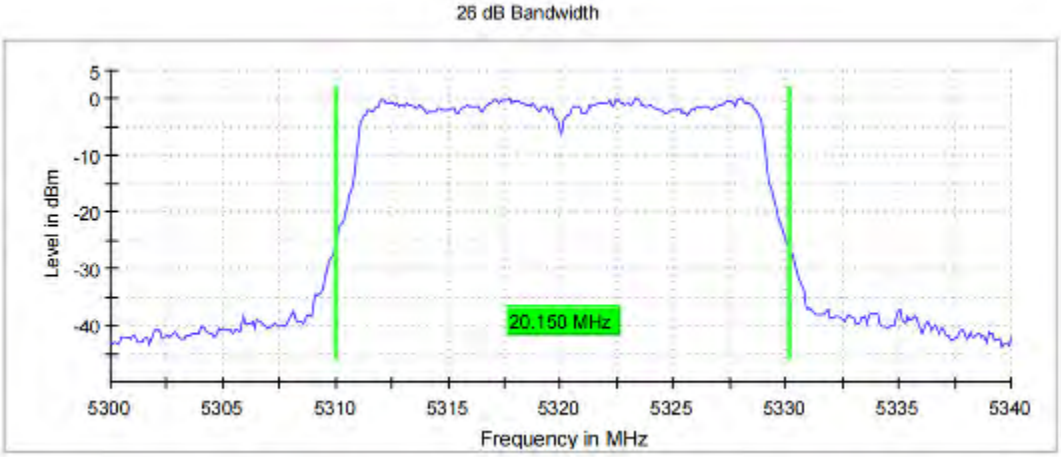

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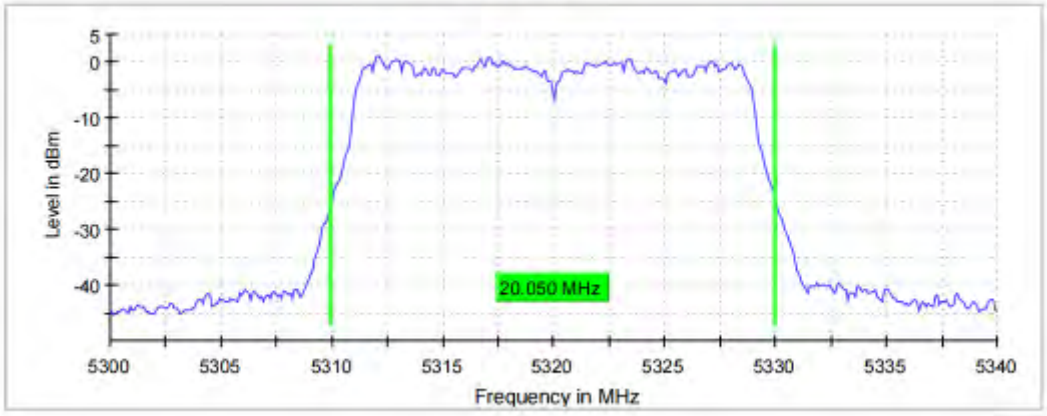

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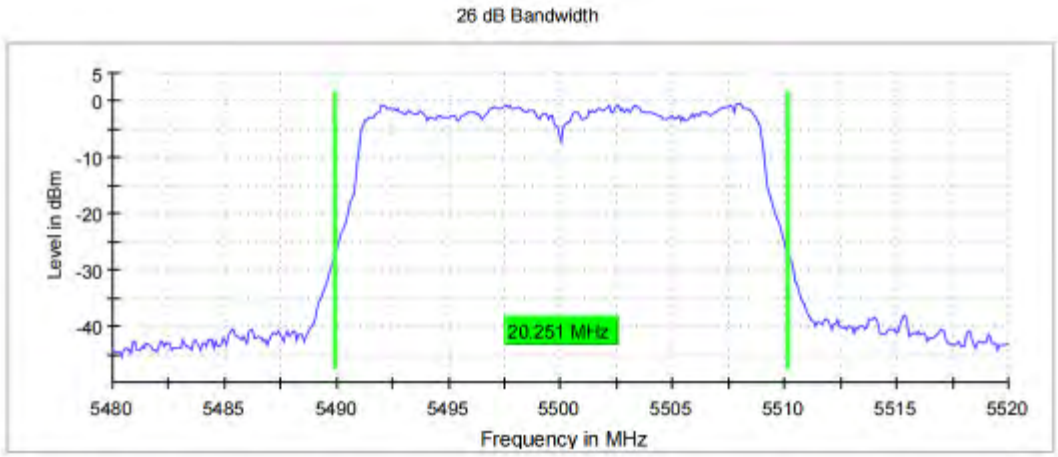

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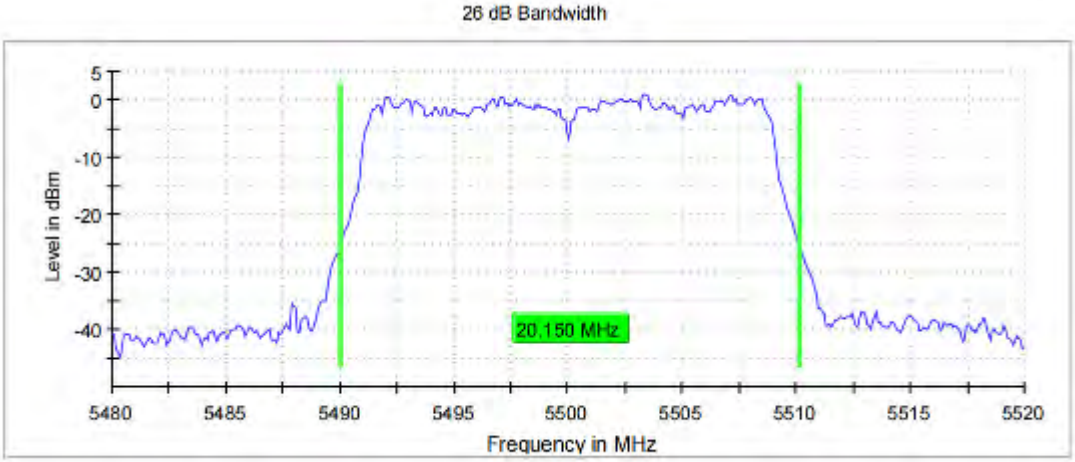

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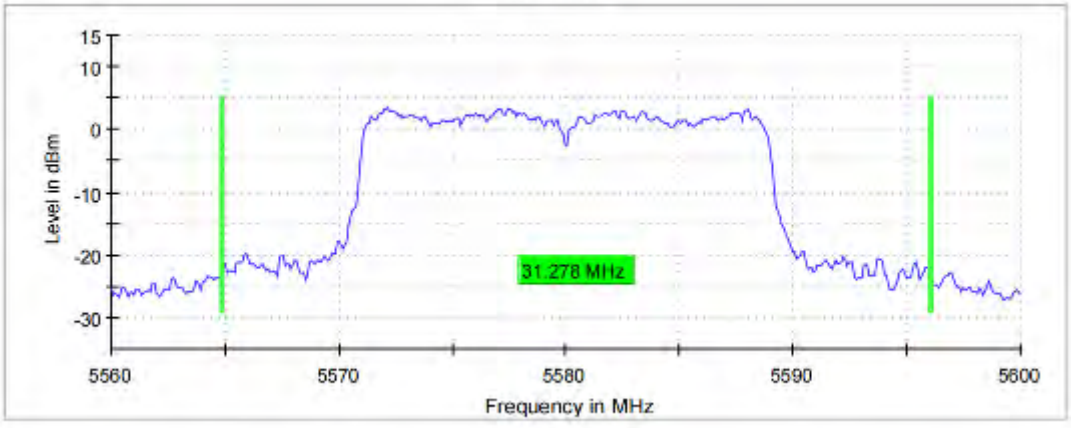

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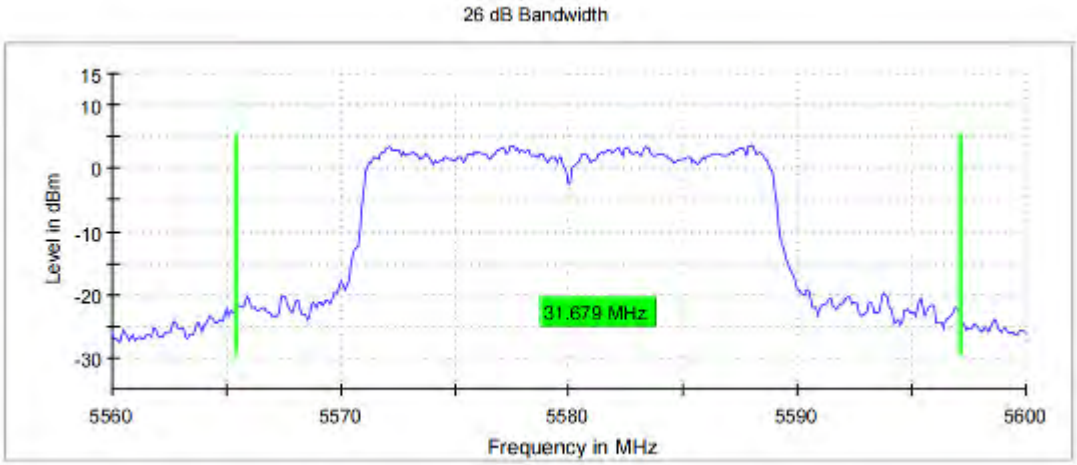

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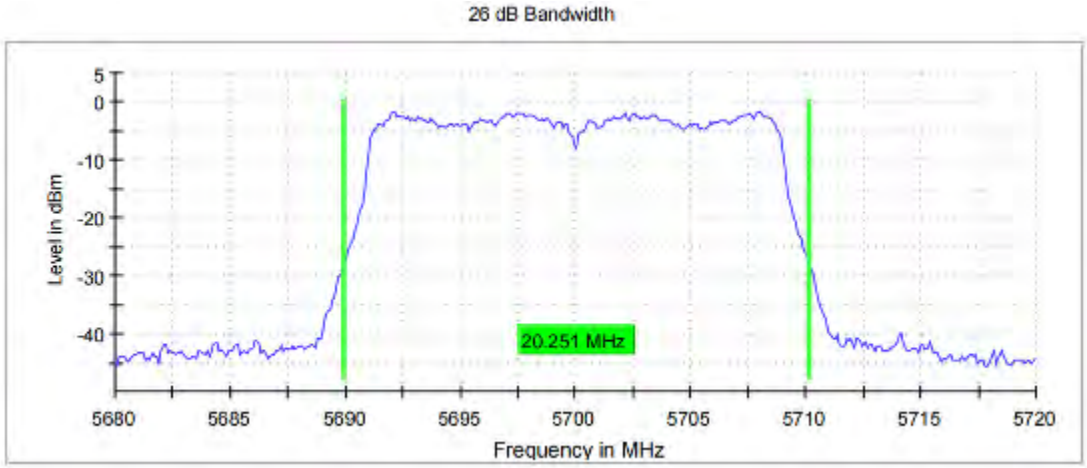

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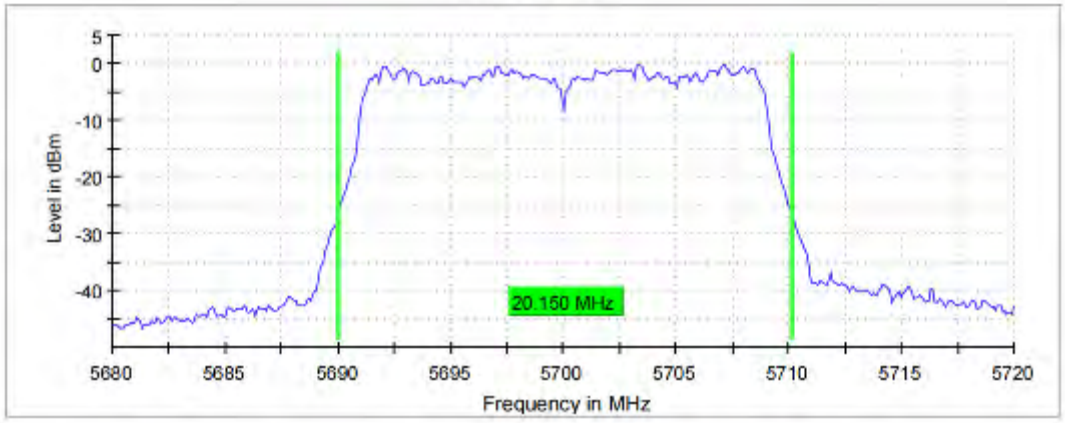

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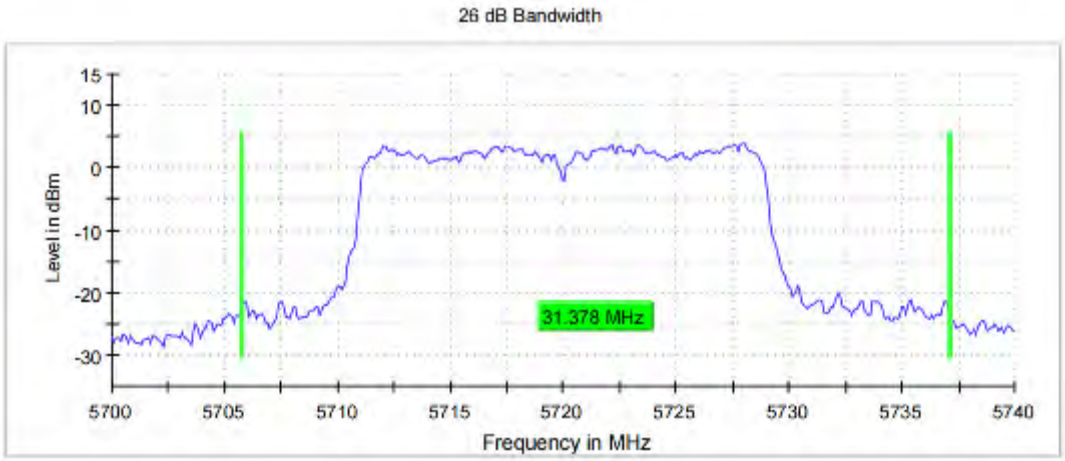

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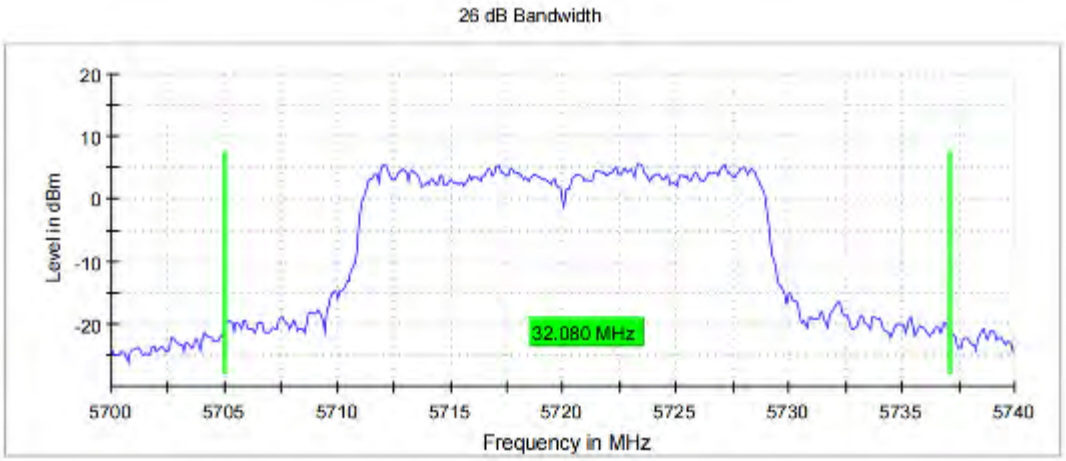

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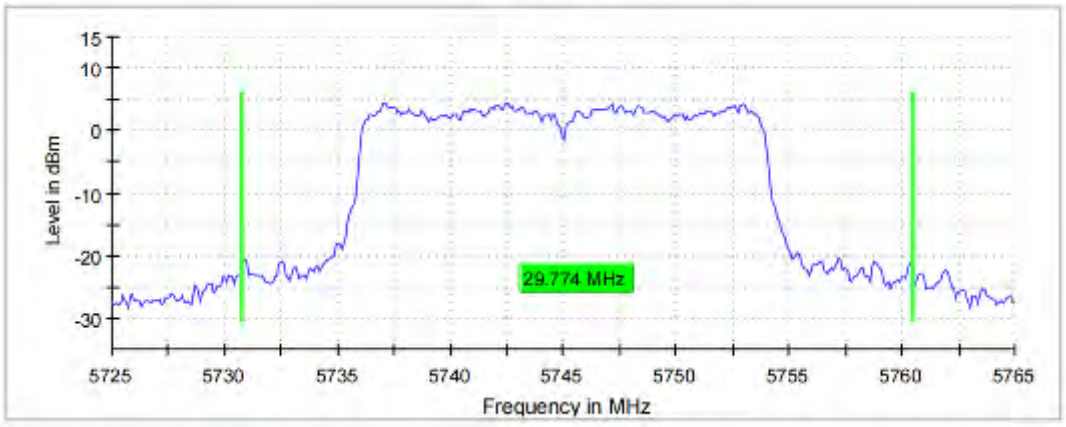

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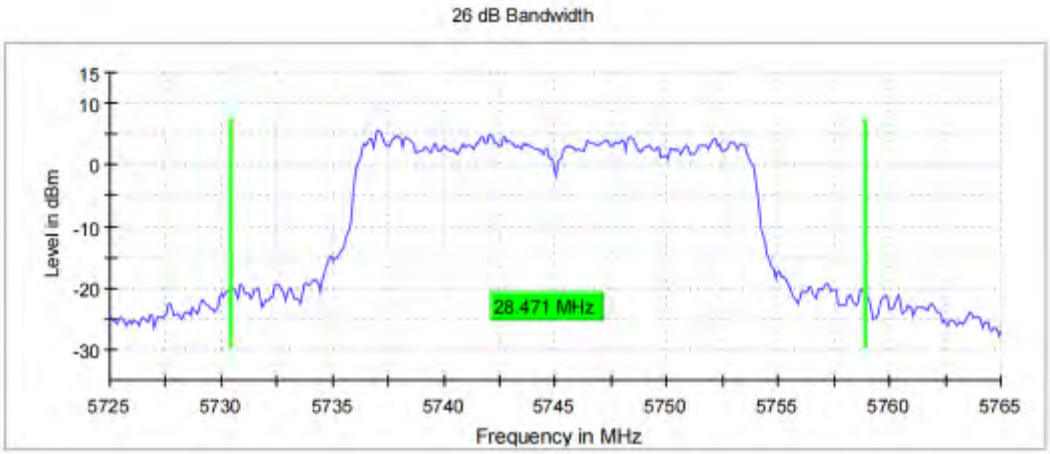

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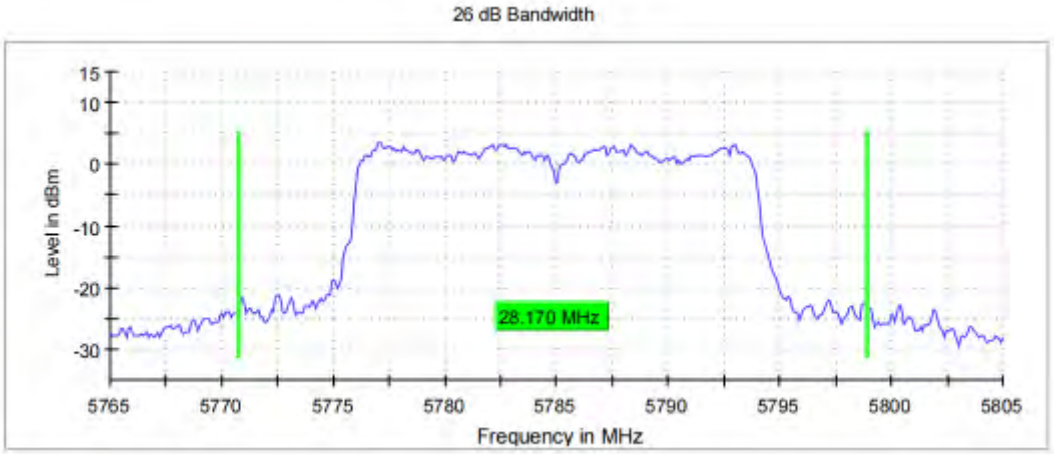

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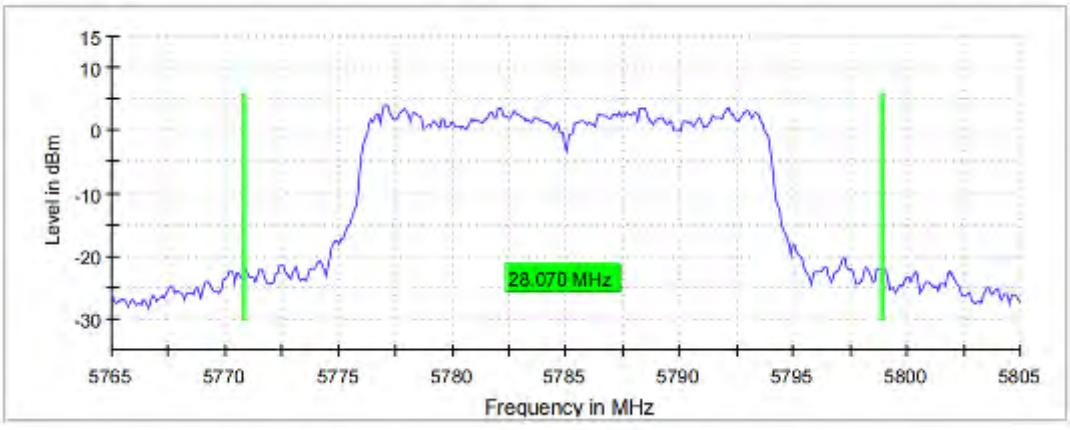

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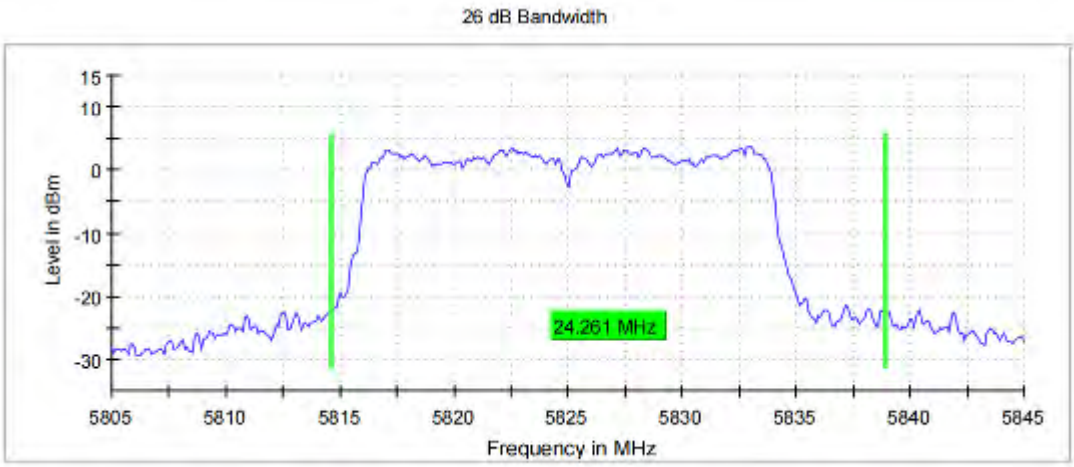

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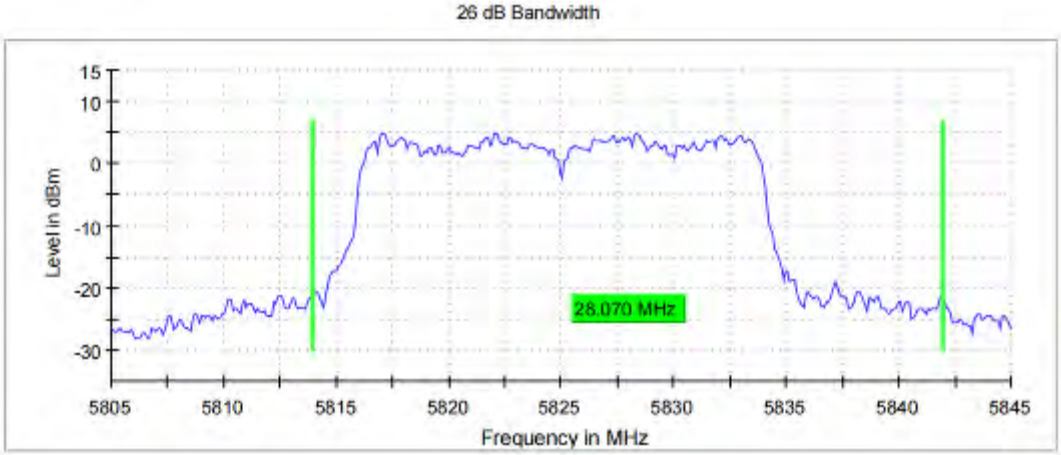

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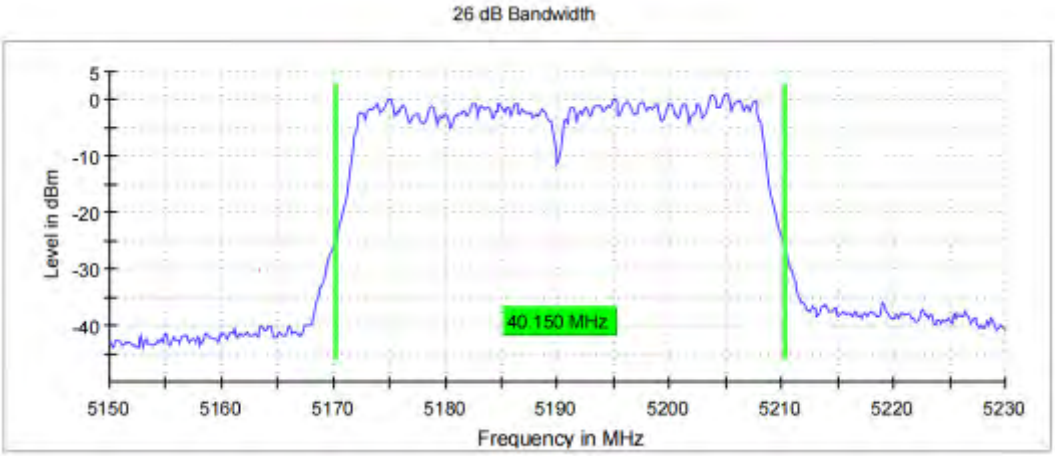

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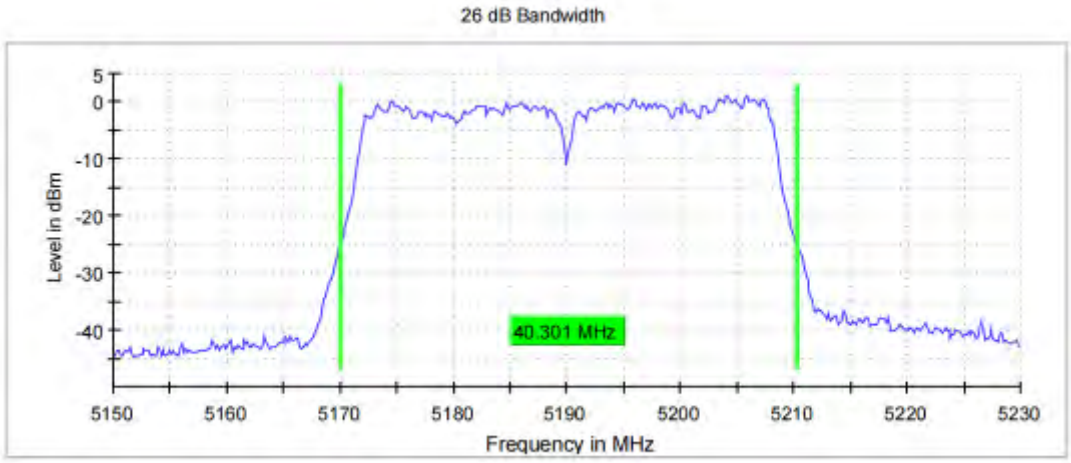

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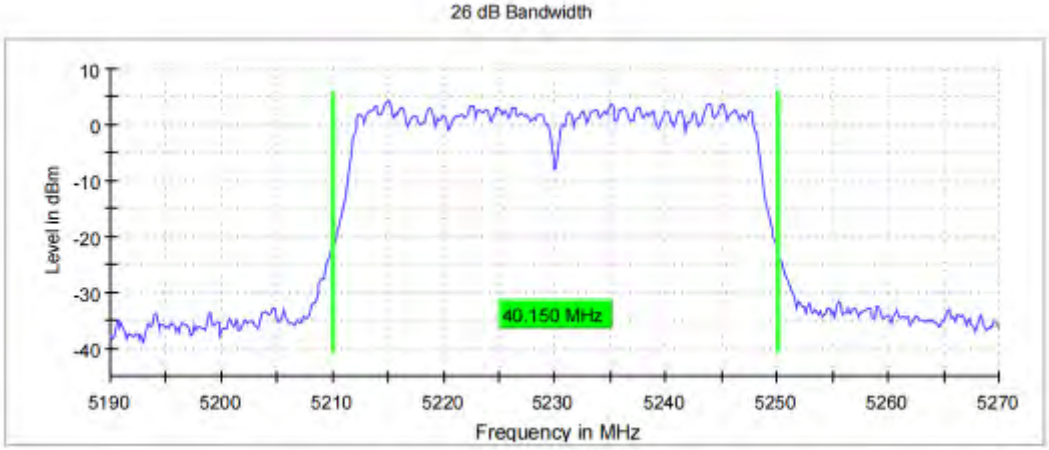
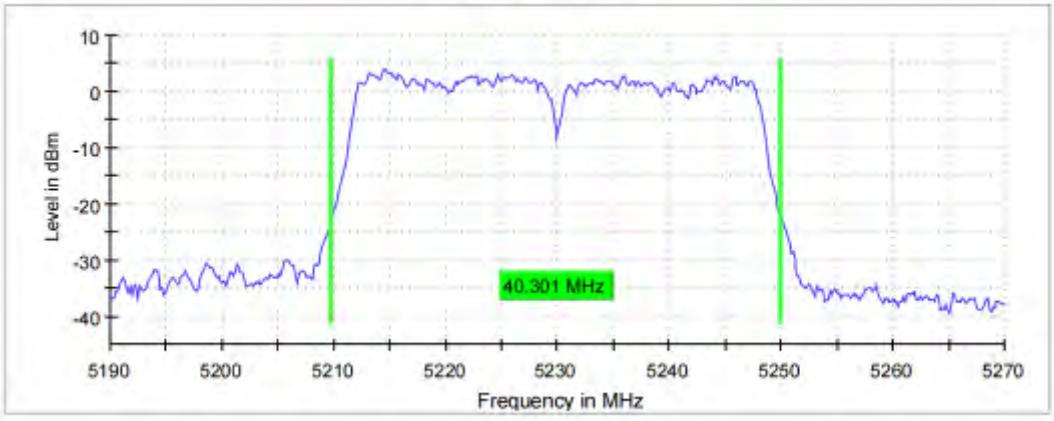


11N40 _Ant1_5230



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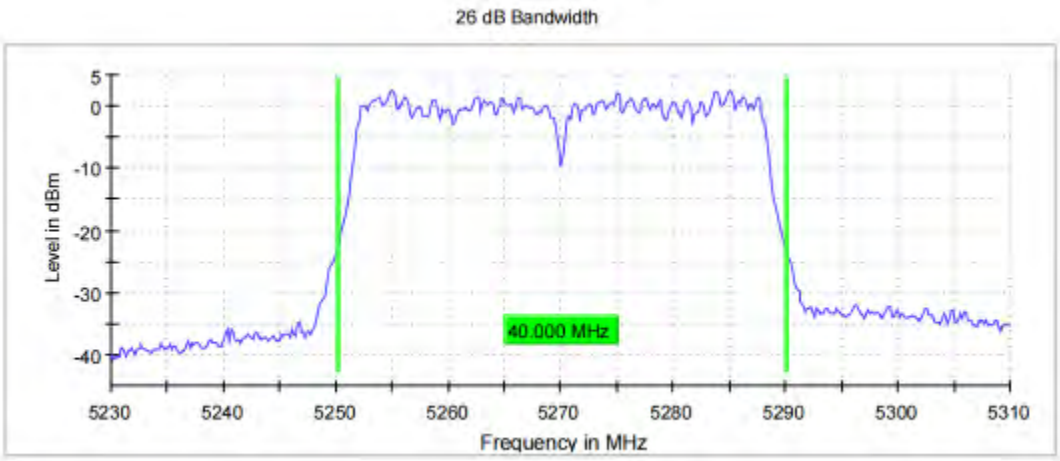

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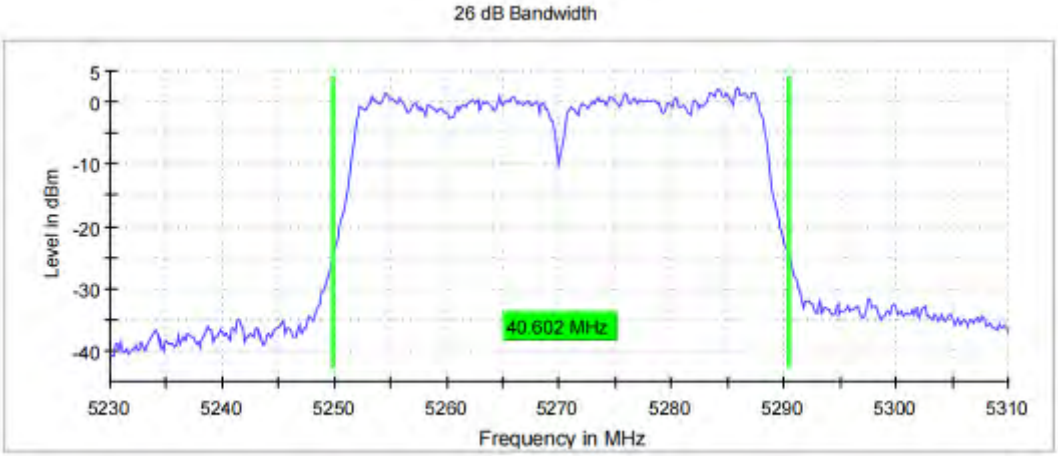

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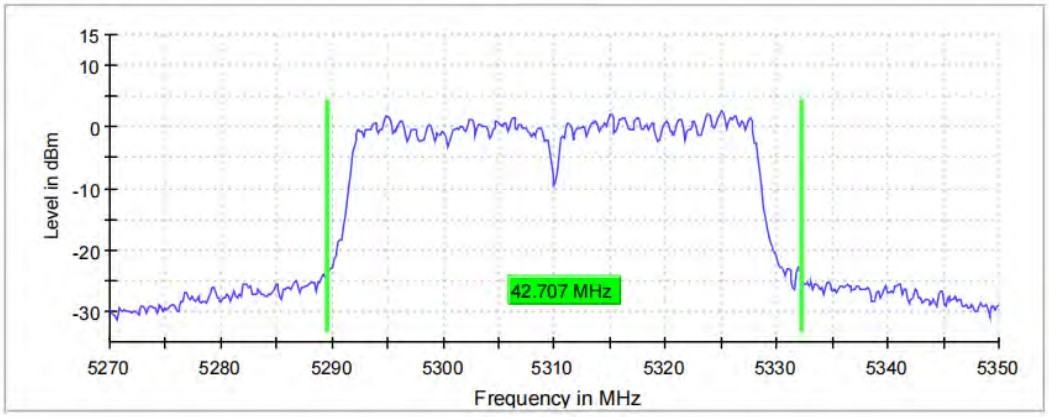

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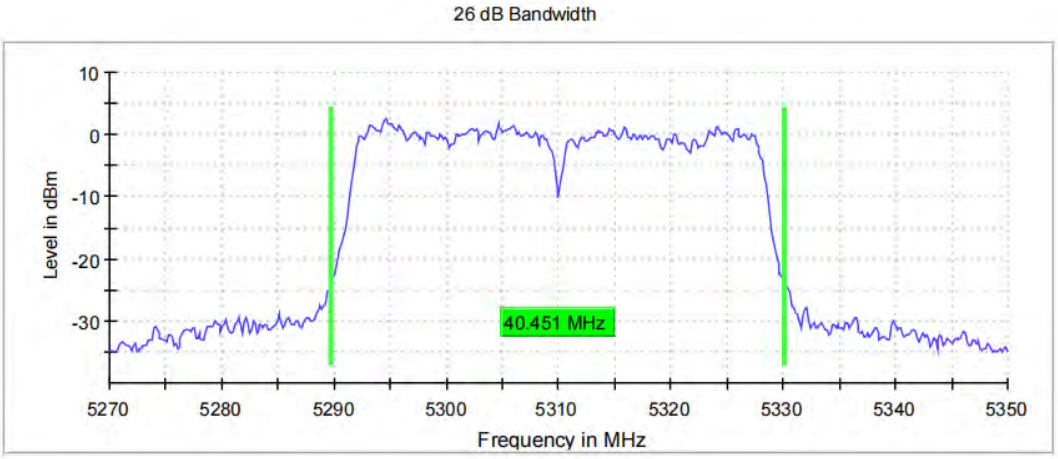

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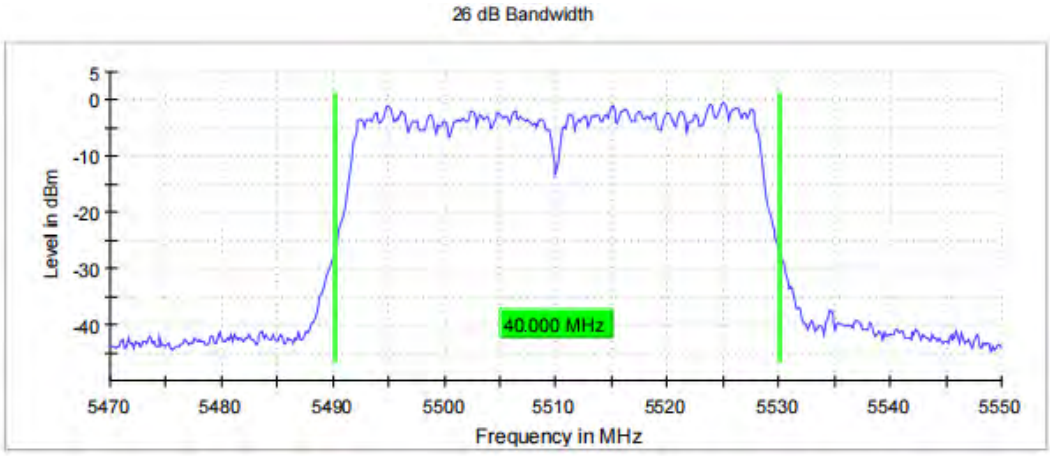

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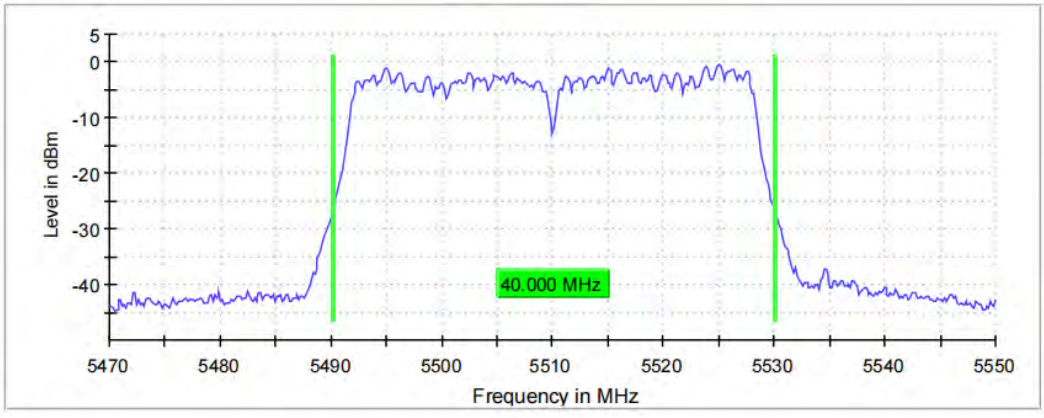

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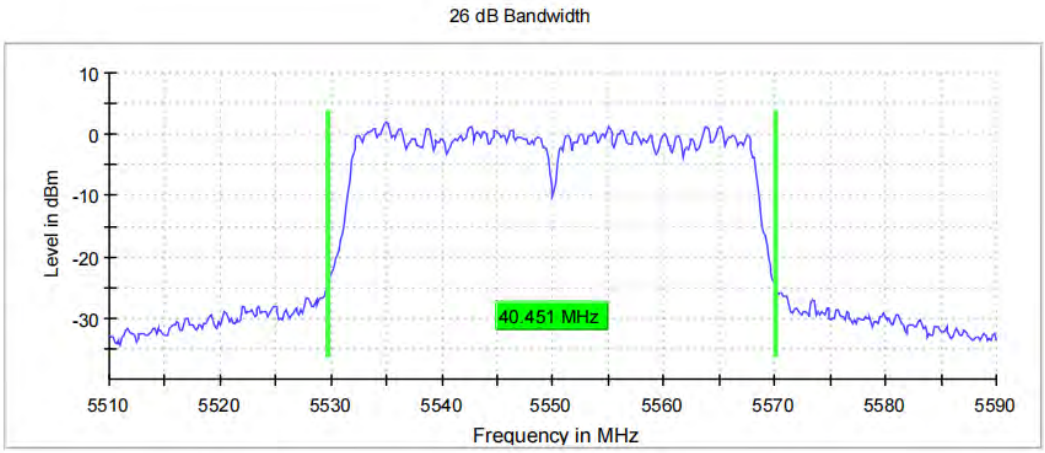

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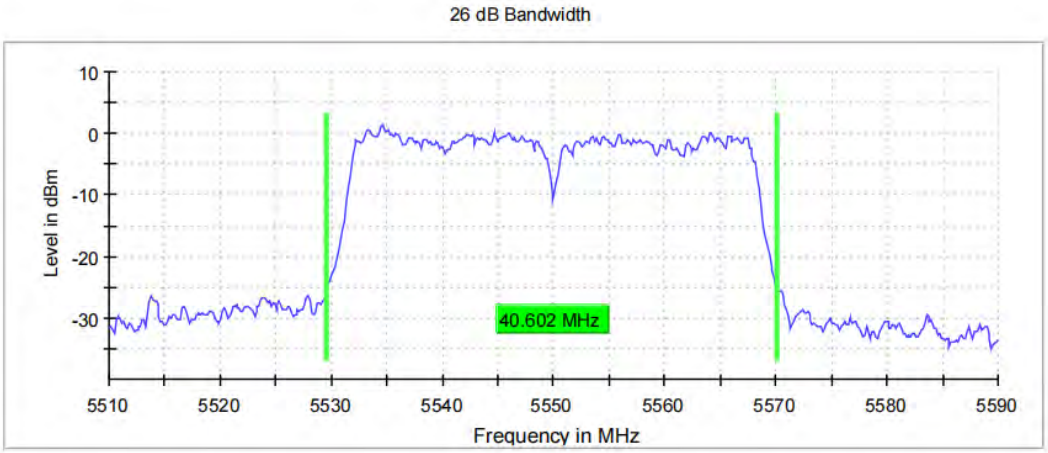

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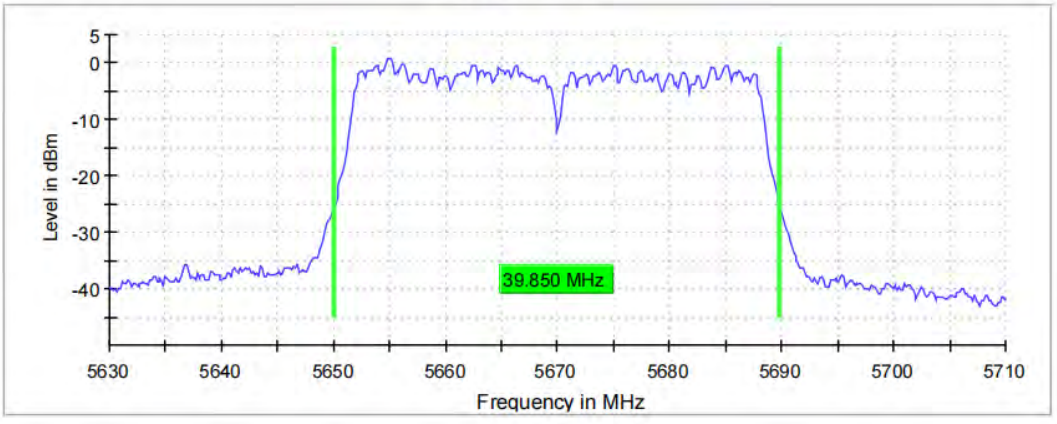

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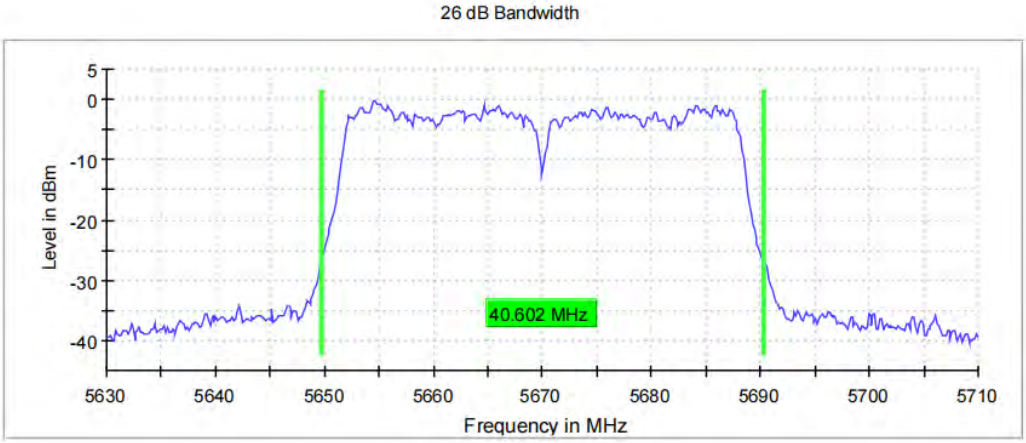

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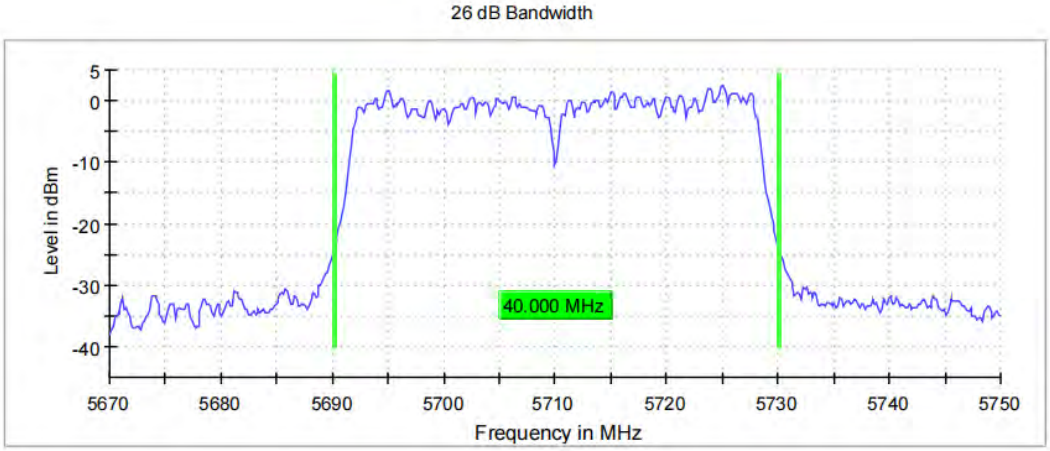

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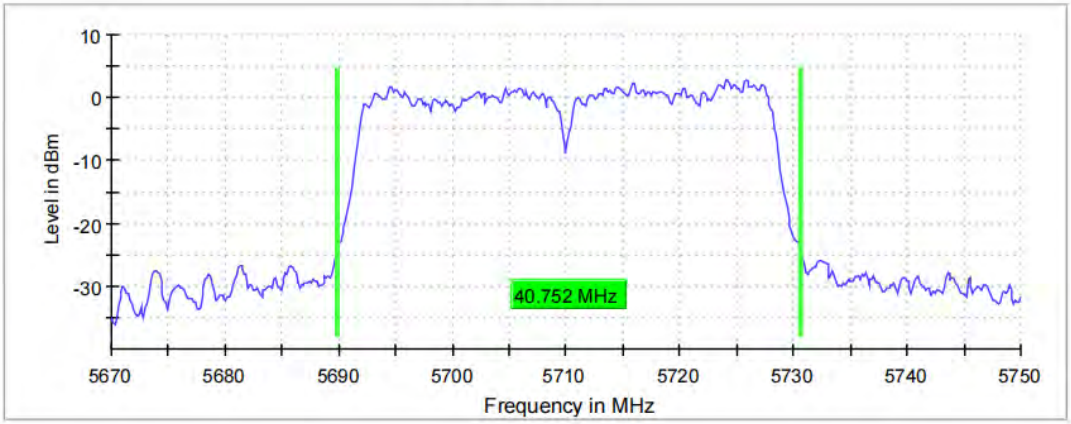

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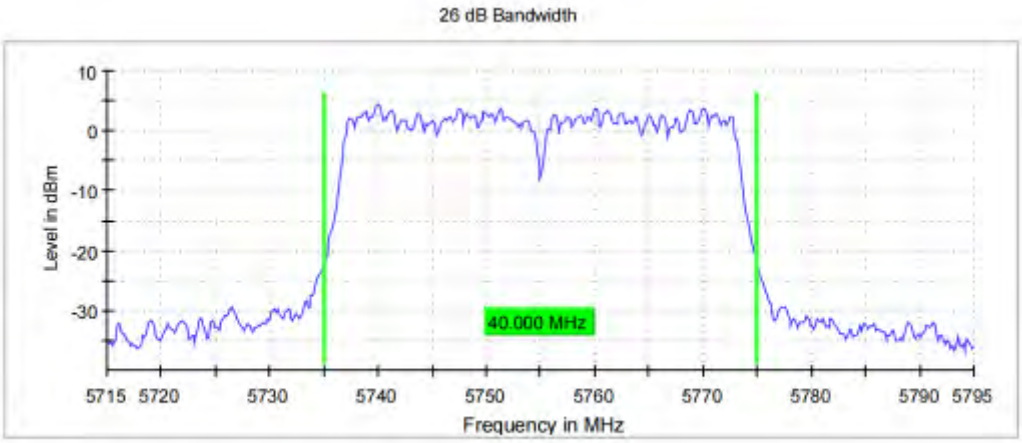

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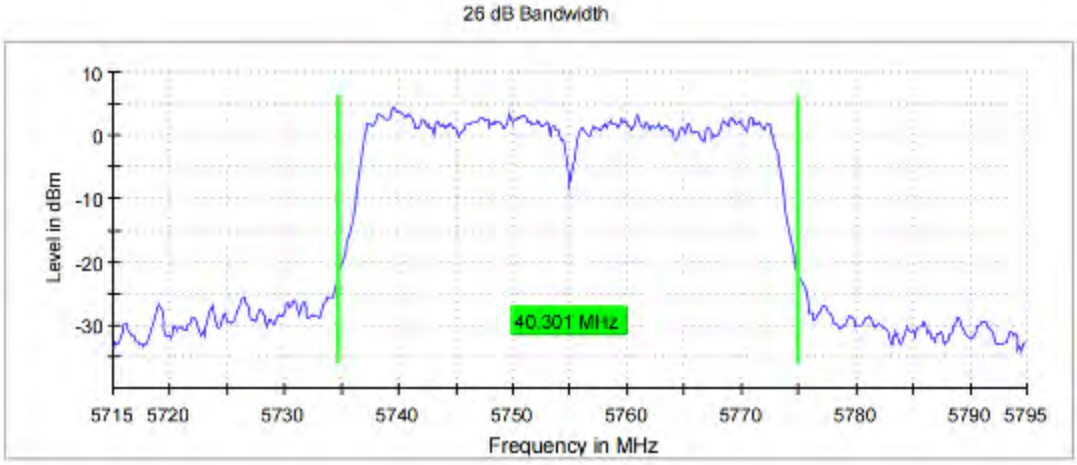

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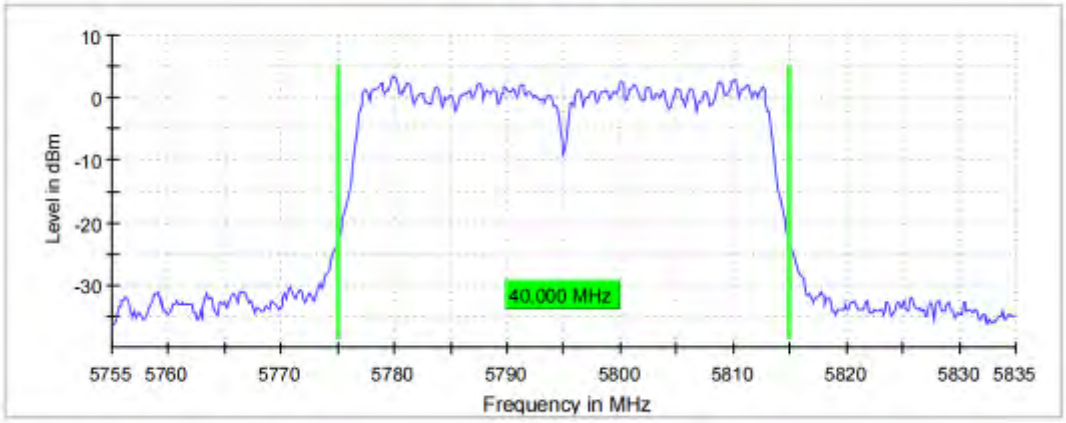

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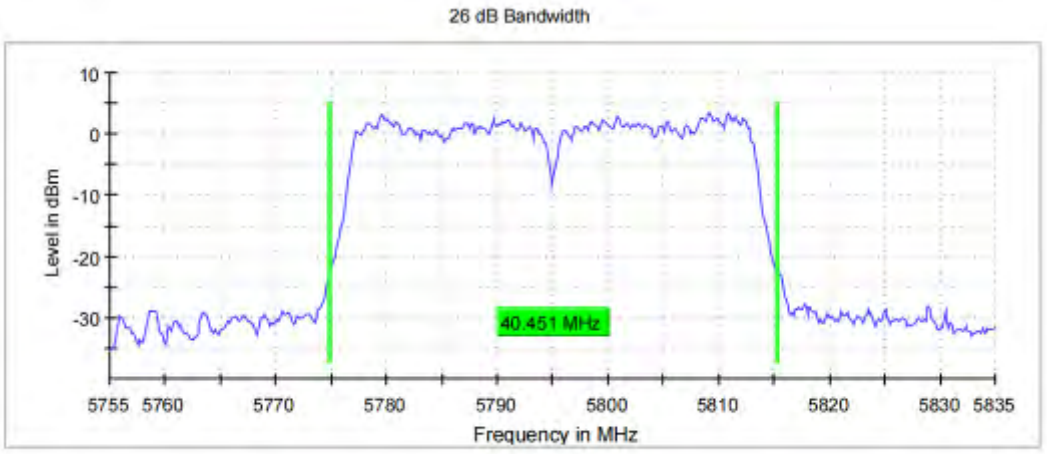
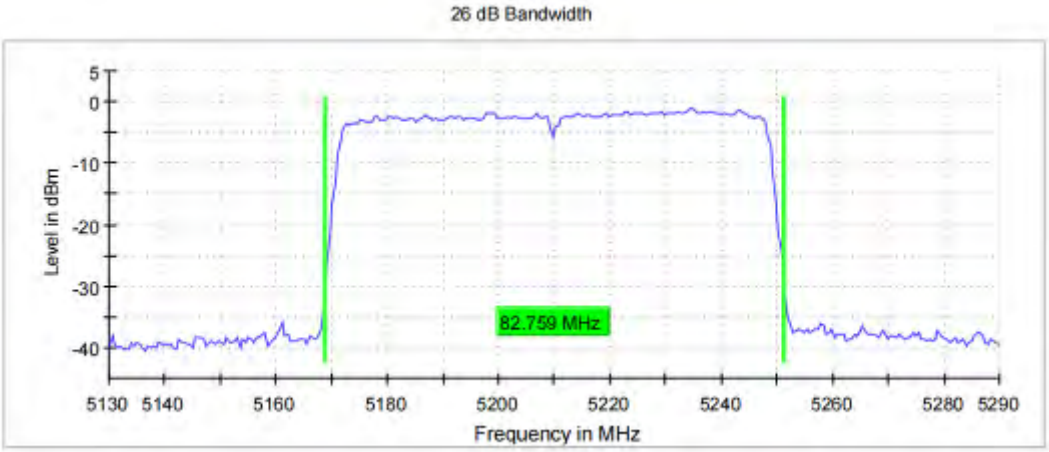
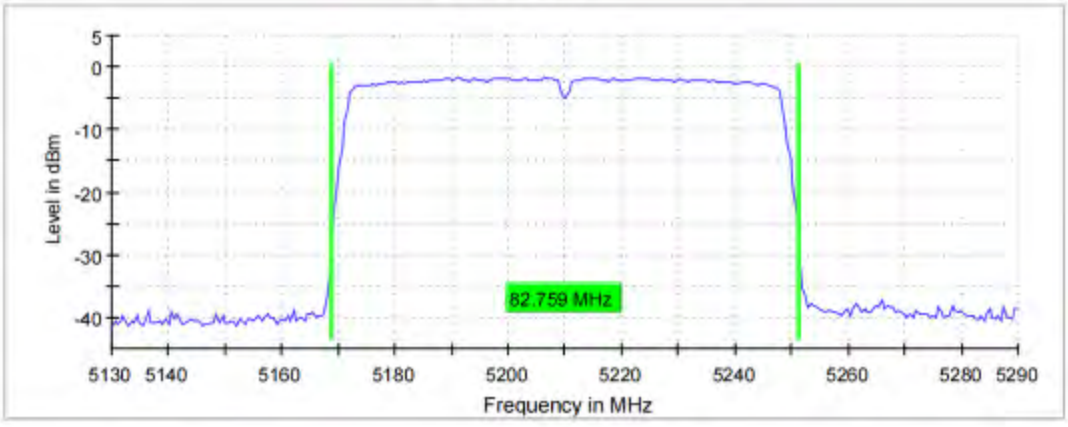


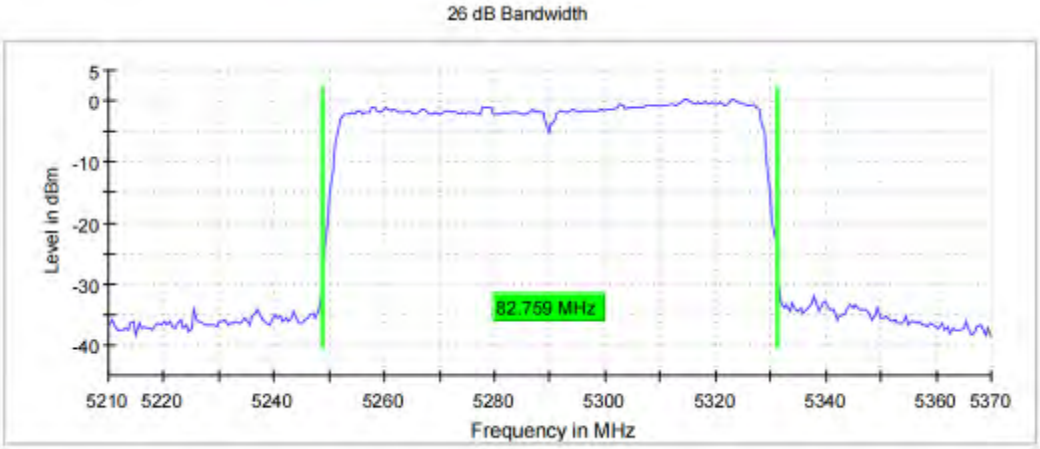
11AC80 _Ant0_5210



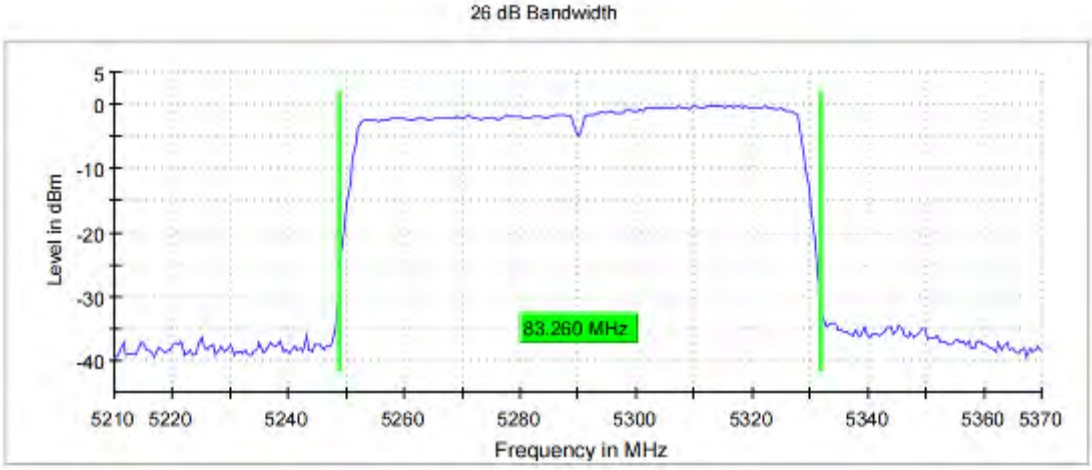
11AC80 _Ant1_5210



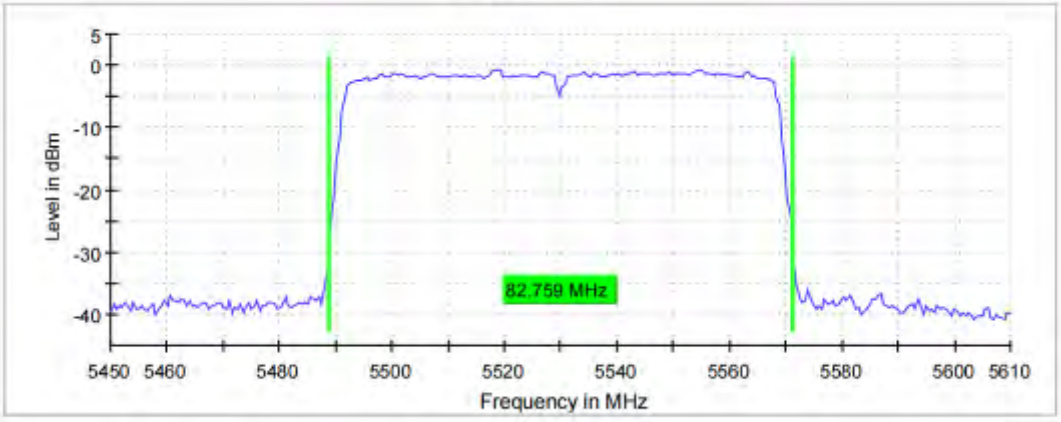
11AC80 _Ant0_5290



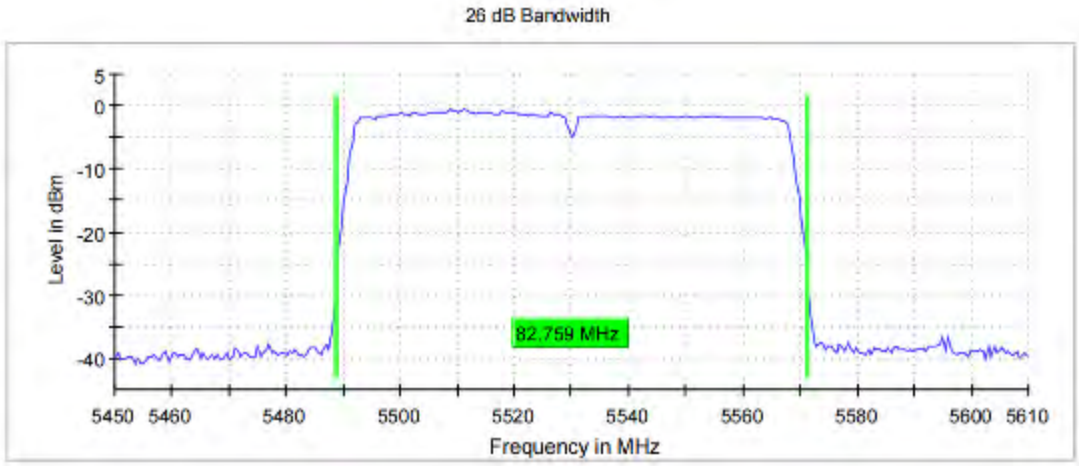
11AC80 _Ant1_5290



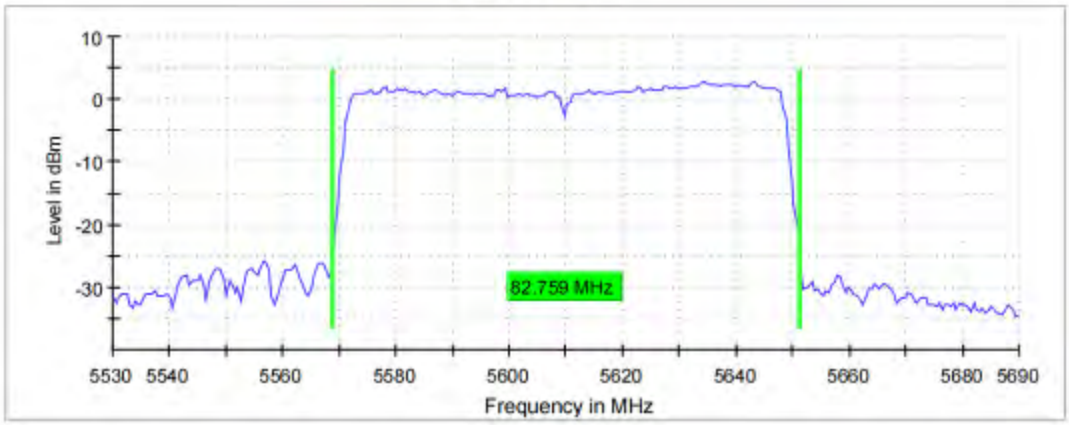
11AC80 _Ant0_5530



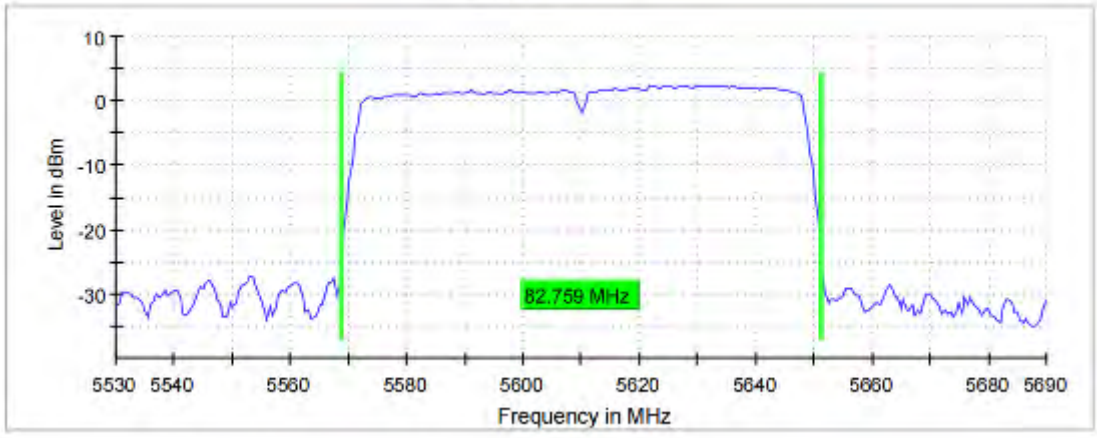
11AC80 _Ant1_5530



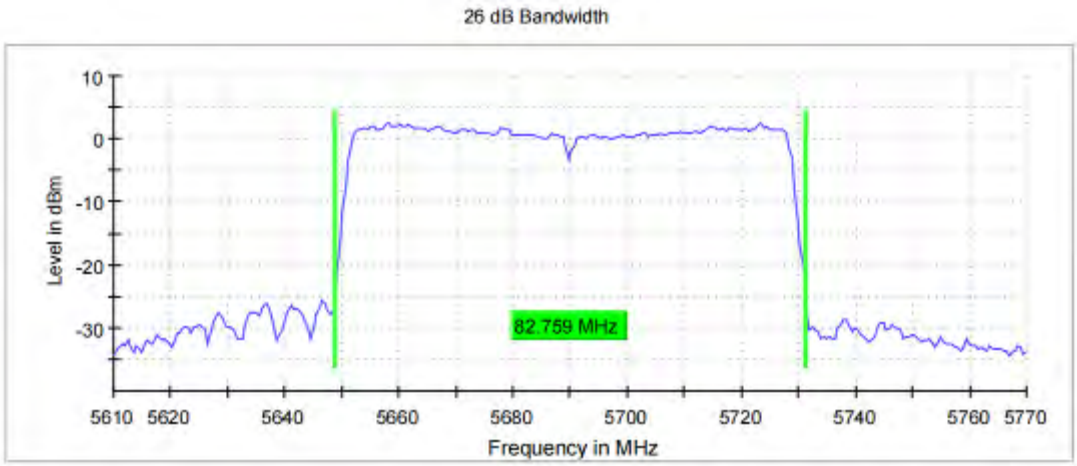
11AC80 _Ant0_5610



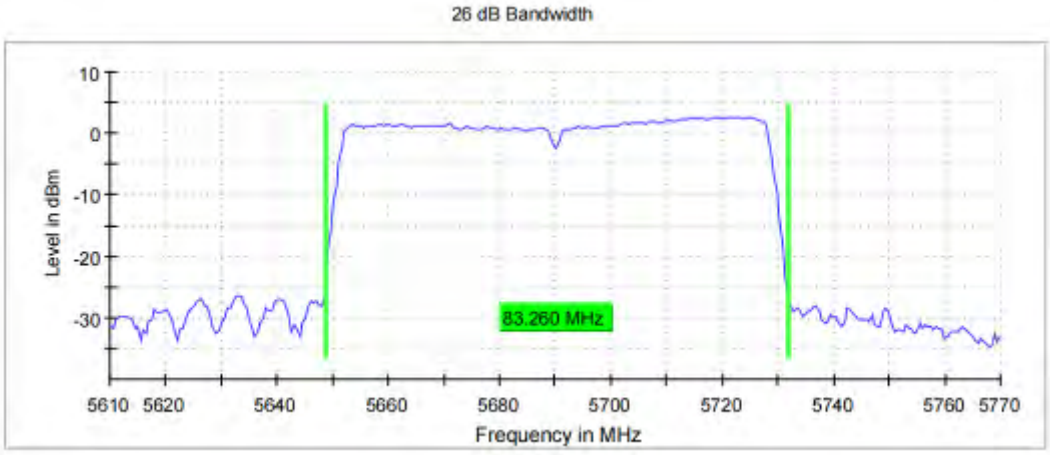
11AC80 _Ant1_5610



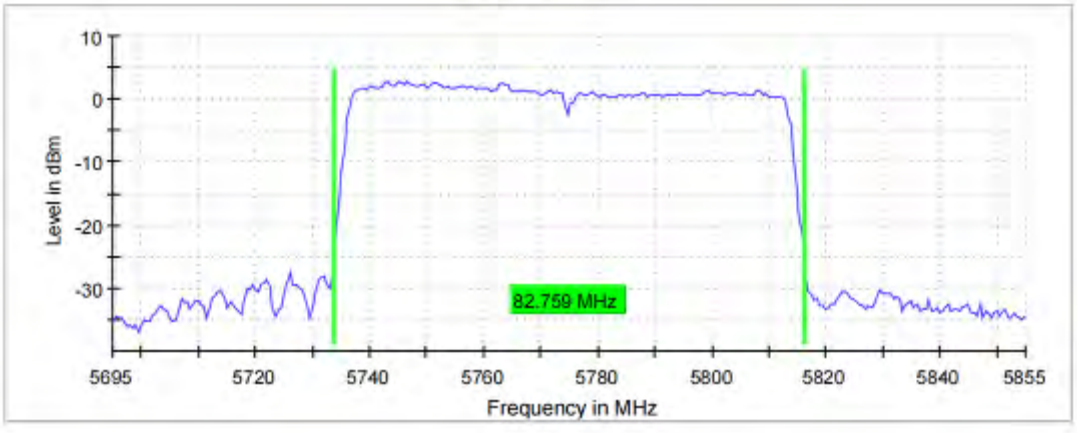
11AC80 _Ant0_5690



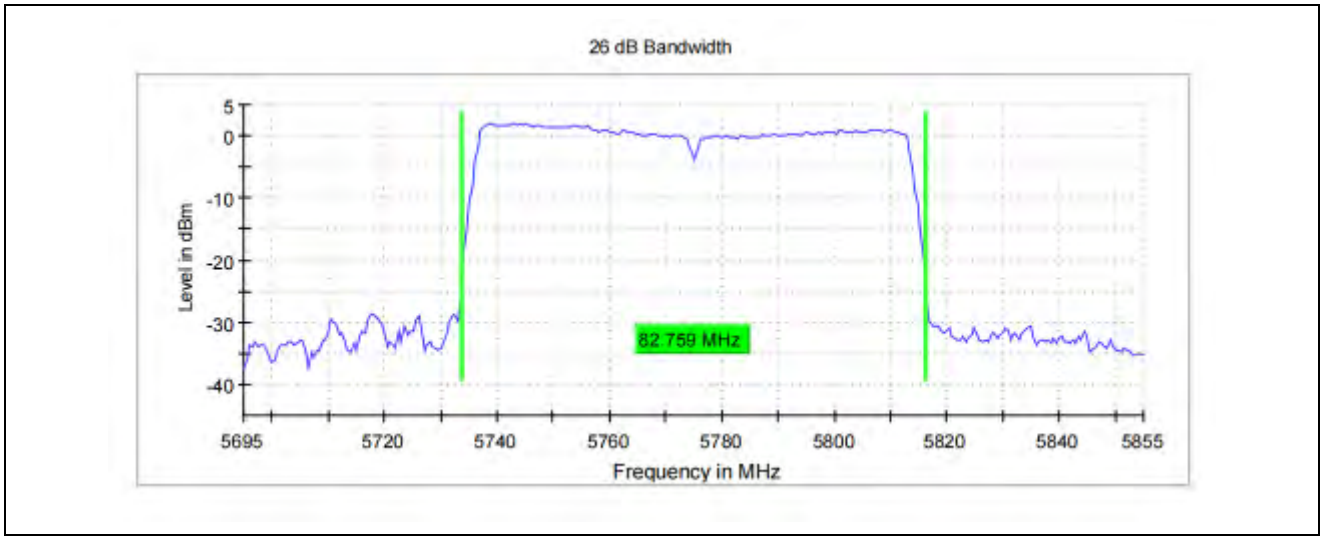
11AC80 _Ant1_5690



11AC80 _Ant0_5775



11AC80 _Ant1_5775



OCCUPIED CHANNEL BANDWIDTH

TEST RESULT

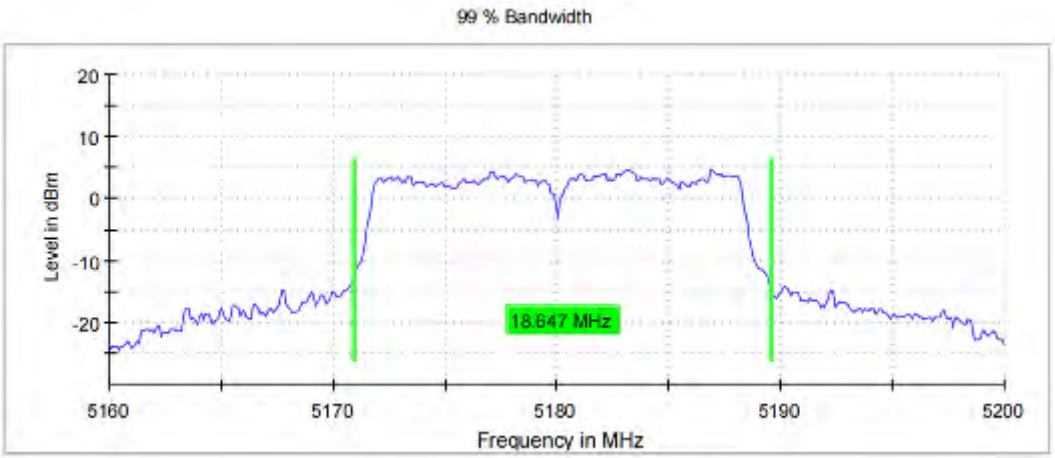
TestMode	Antenna	Frequency [MHz]	OCB[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5180	18.647	5170.927	5189.574	---	---
	Ant1	5180	16.742	5171.629	5188.371	---	---
	Ant0	5200	23.158	5188.622	5211.779	---	---
	Ant1	5200	16.942	5191.529	5208.471	---	---
	Ant0	5240	21.554	5228.622	5228.622	---	---
	Ant1	5240	17.143	5231.429	5231.429	---	---
	Ant0	5260	19.749	5249.925	5249.925	---	---
	Ant1	5260	16.842	5251.629	5251.629	---	---
	Ant0	5300	17.343	5291.429	5291.429	---	---
	Ant1	5300	16.942	5291.529	5291.529	---	---
	Ant0	5320	16.942	5311.529	5311.529	---	---
	Ant1	5320	16.742	5311.629	5311.629	---	---
	Ant0	5500	16.942	5491.529	5491.529	---	---
	Ant1	5500	16.742	5491.629	5491.629	---	---
	Ant0	5580	17.644	5571.128	5571.128	---	---
	Ant1	5580	17.644	5571.328	5571.328	---	---
	Ant0	5700	16.742	5691.629	5691.629	---	---
	Ant1	5700	16.842	5691.629	5691.629	---	---
	Ant0	5720	17.444	5711.529	5711.529	---	---

	Ant1	5720	18.246	5710.627	5710.627	---	---
	Ant0	5745	16.942	5736.529	5736.529	---	---
	Ant1	5745	17.043	5736.429	5736.429	---	---
	Ant0	5785	16.942	5776.529	5776.529	---	---
	Ant1	5785	17.343	5776.429	5776.429	---	---
	Ant0	5825	17.043	5816.529	5816.529	---	---
	Ant1	5825	17.343	5816.228	5816.228	---	---
11N20-MIMO	Ant0	5180	18.446	5170.927	5189.373	---	---
	Ant1	5180	17.845	5171.128	5188.972	---	---
	Ant0	5200	22.757	5189.123	5211.880	---	---
	Ant1	5200	17.744	5191.128	5208.872	---	---
	Ant0	5240	20.351	5229.424	5249.774	---	---
	Ant1	5240	17.945	5231.028	5248.972	---	---
	Ant0	5260	19.348	5250.326	5269.674	---	---
	Ant1	5260	17.845	5251.128	5268.972	---	---
	Ant0	5300	18.045	5291.028	5309.073	---	---
	Ant1	5300	17.845	5291.028	5308.872	---	---
	Ant0	5320	17.945	5311.028	5328.972	---	---
	Ant1	5320	17.744	5311.128	5328.872	---	---
	Ant0	5500	18.045	5491.028	5509.073	---	---
	Ant1	5500	17.744	5491.128	5508.872	---	---
	Ant0	5580	18.246	5570.927	5589.173	---	---
	Ant1	5580	18.647	5570.927	5589.574	---	---
	Ant0	5700	17.744	5691.128	5708.872	---	---
	Ant1	5700	18.045	5691.028	5709.073	---	---
	Ant0	5720	18.446	5711.028	5729.474	---	---
	Ant1	5720	19.148	5710.326	5729.474	---	---
	Ant0	5745	17.845	5736.128	5753.972	---	---
	Ant1	5745	17.945	5736.028	5753.972	---	---
	Ant0	5785	17.845	5776.128	5793.972	---	---
	Ant1	5785	18.145	5776.028	5794.173	---	---
	Ant0	5825	17.845	5816.128	5833.972	---	---
	Ant1	5825	18.045	5816.028	5834.073	---	---
11N40-MIMO	Ant0	5190	36.614	5171.818	5208.433	---	---
	Ant1	5190	36.614	5171.818	5208.433	---	---
	Ant0	5230	36.865	5211.567	5248.433	---	---

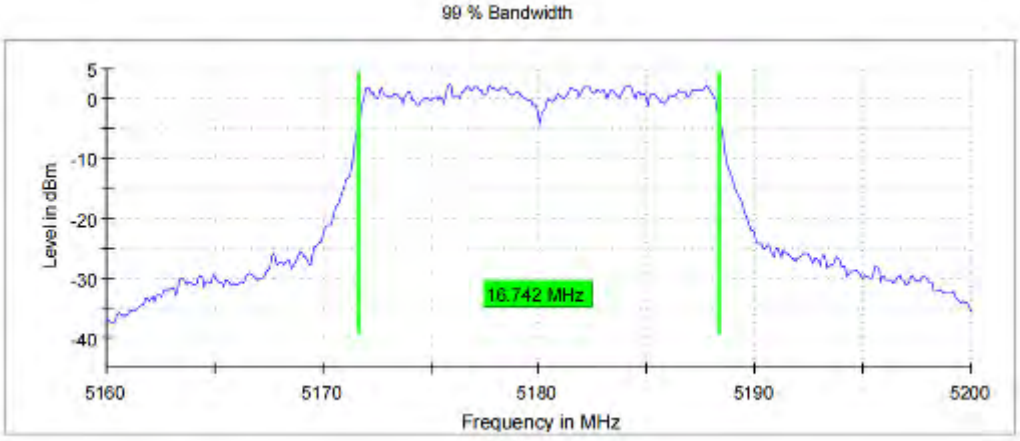
	Ant1	5230	36.865	5211.567	5248.433	---	---
	Ant0	5270	37.618	5251.317	5288.934	---	---
	Ant1	5270	36.614	5251.818	5288.433	---	---
	Ant0	5310	36.614	5291.818	5328.433	---	---
	Ant1	5310	36.364	5291.818	5328.182	---	---
	Ant0	5510	36.614	5491.818	5528.433	---	---
	Ant1	5510	36.364	5491.818	5528.182	---	---
	Ant0	5550	37.116	5531.317	5568.433	---	---
	Ant1	5550	36.865	5531.567	5568.433	---	---
	Ant0	5670	36.364	5651.818	5688.182	---	---
	Ant1	5670	37.367	5651.567	5688.934	---	---
	Ant0	5710	36.865	5691.818	5728.683	---	---
	Ant1	5710	37.618	5691.317	5728.934	---	---
	Ant0	5755	36.364	5736.818	5773.182	---	---
	Ant1	5755	36.865	5736.567	5773.433	---	---
	Ant0	5795	36.364	5776.818	5813.182	---	---
	Ant1	5795	37.116	5776.567	5813.683	---	---
11AC80-MIMO	Ant0	5210	76.740	5171.630	5248.370	---	---
	Ant1	5210	76.740	5171.630	5248.370	---	---
	Ant0	5290	77.241	5251.630	5328.871	---	---
	Ant1	5290	76.238	5252.132	5328.370	---	---
	Ant0	5530	76.740	5491.630	5568.370	---	---
	Ant1	5530	76.740	5491.630	5568.370	---	---
	Ant0	5610	77.241	5571.630	5648.871	---	---
	Ant1	5610	76.740	5571.630	5648.370	---	---
	Ant0	5690	77.241	5651.630	5728.871	---	---
	Ant1	5690	77.241	5651.630	5728.871	---	---
	Ant0	5775	76.740	5736.630	5813.370	---	---
	Ant1	5775	76.740	5736.630	5813.370	---	---

TEST GRAPHS

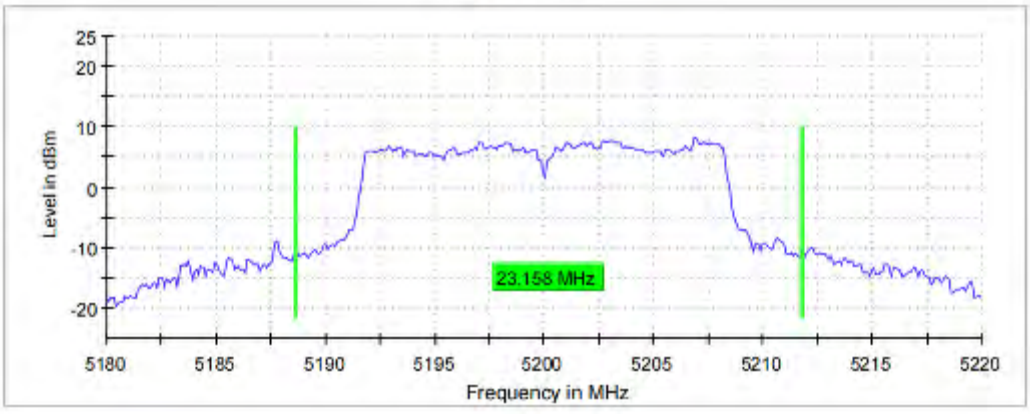
11A_Ant0_5180



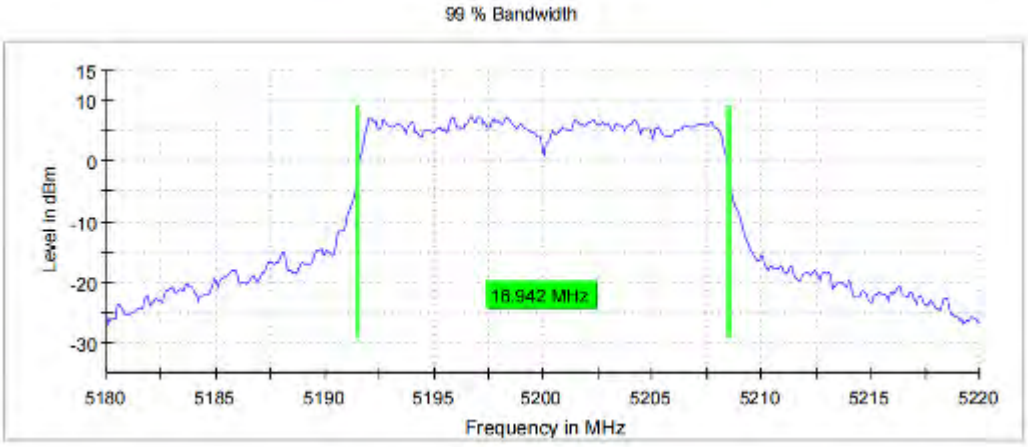
11A_Ant1_5180



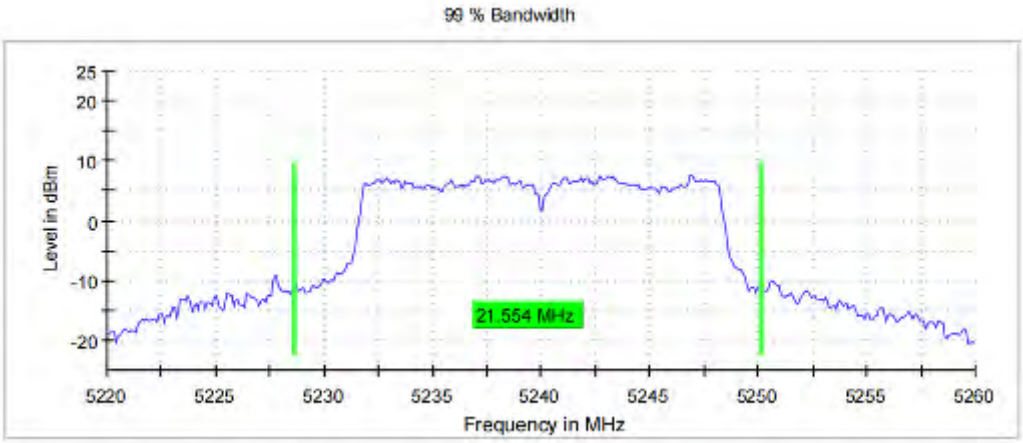
11A _Ant0_5200



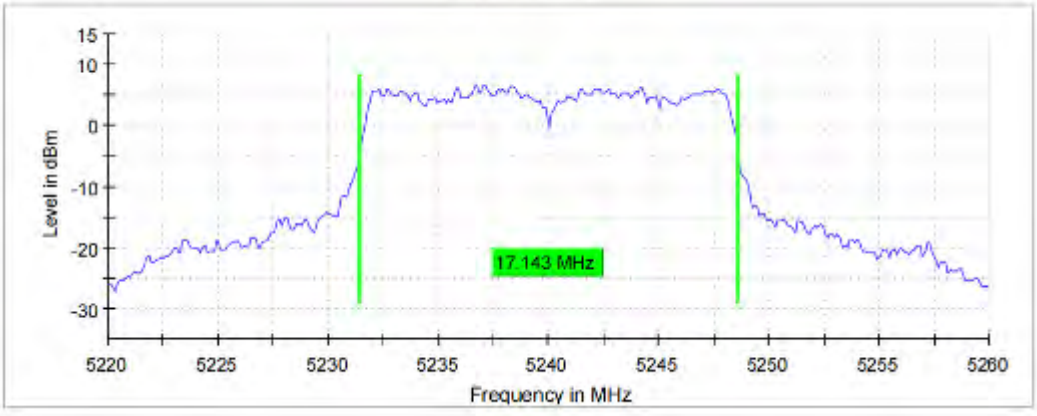
11A _Ant1_5200



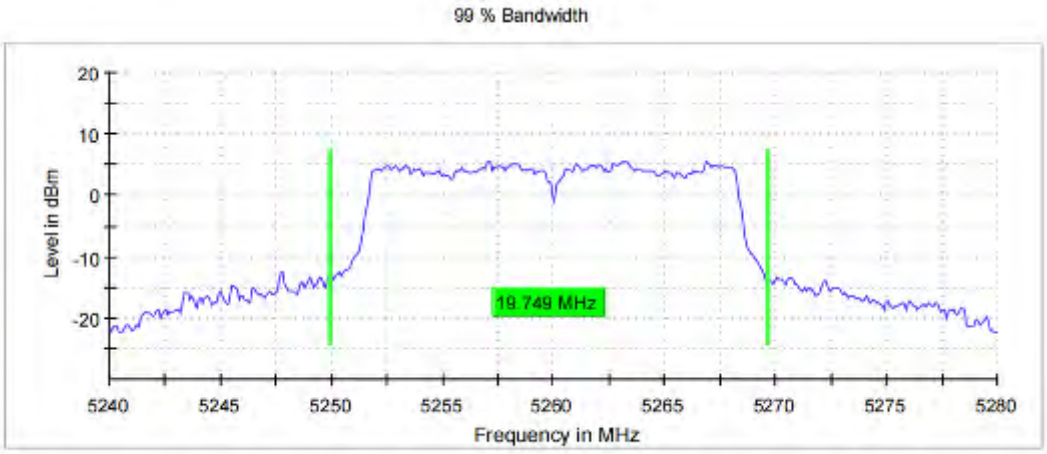
11A _Ant0_5240



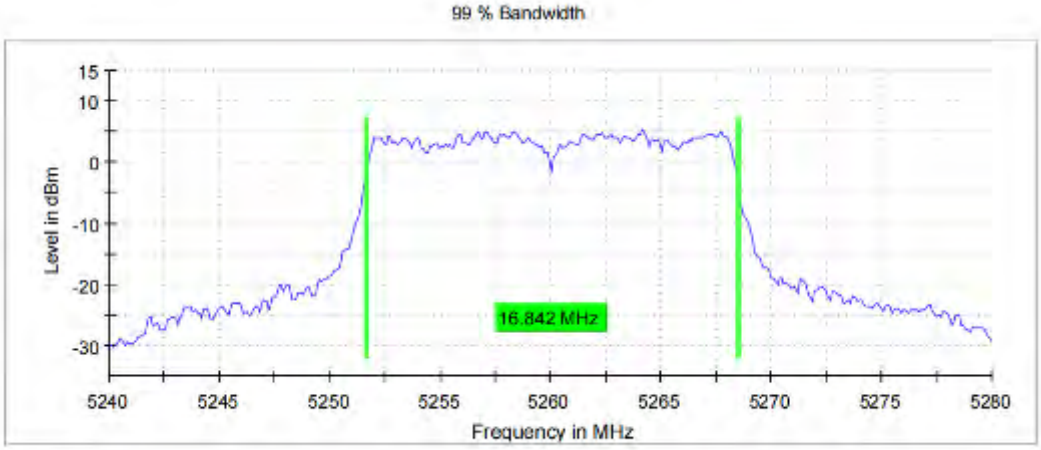
11A _Ant1_5240



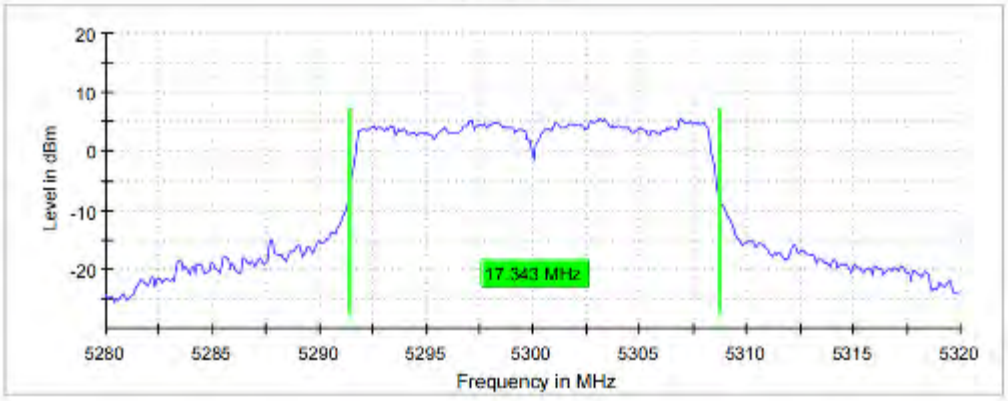
11A _Ant0_5260



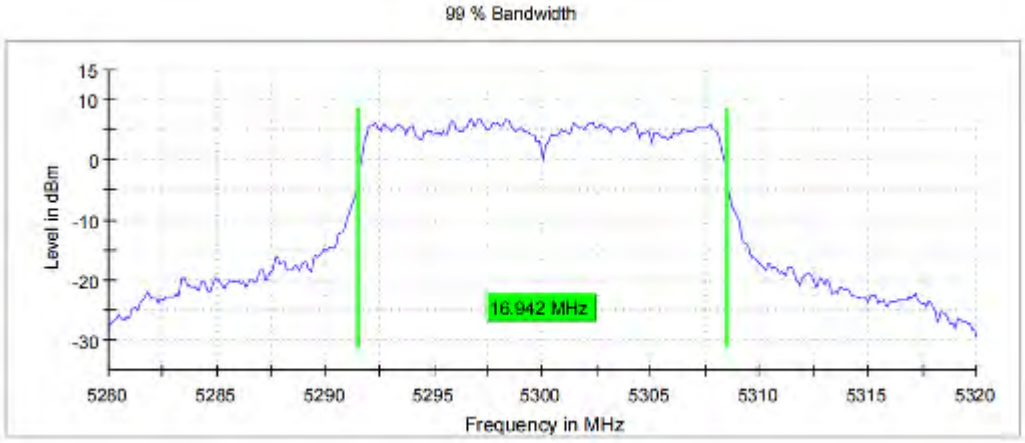
11A _Ant1_5260



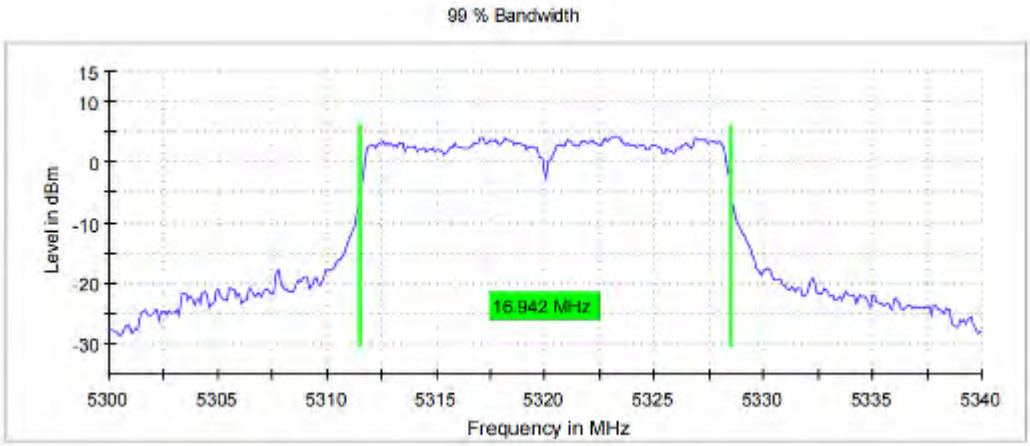
11A _Ant0_5300



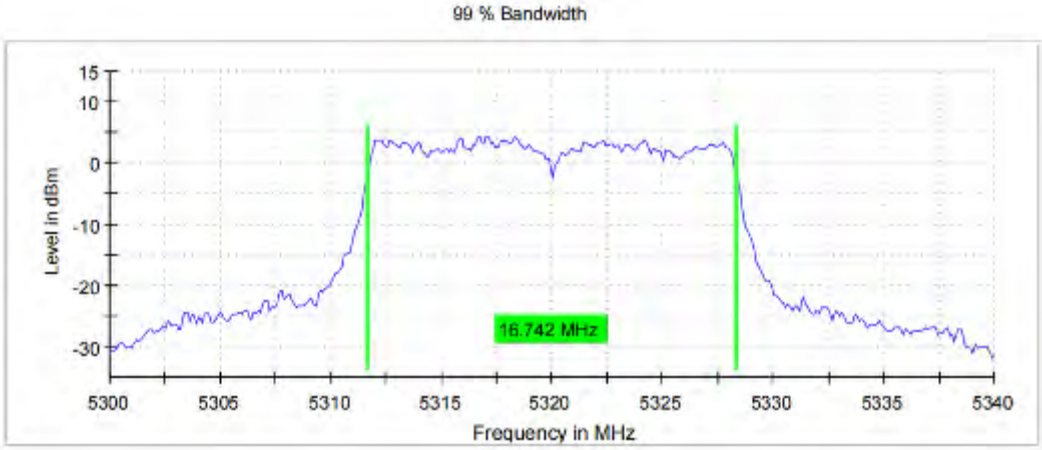
11A _Ant1_5300



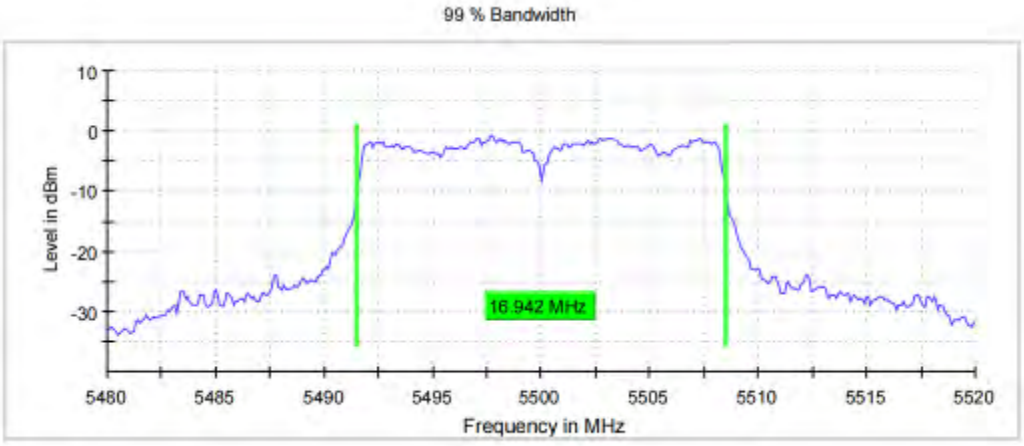
11A _Ant0_5320



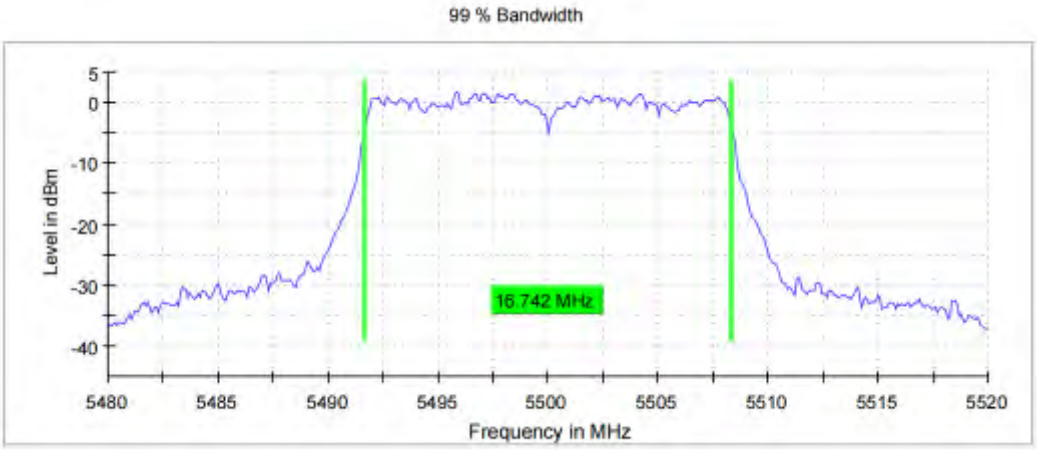
11A _Ant1_5320



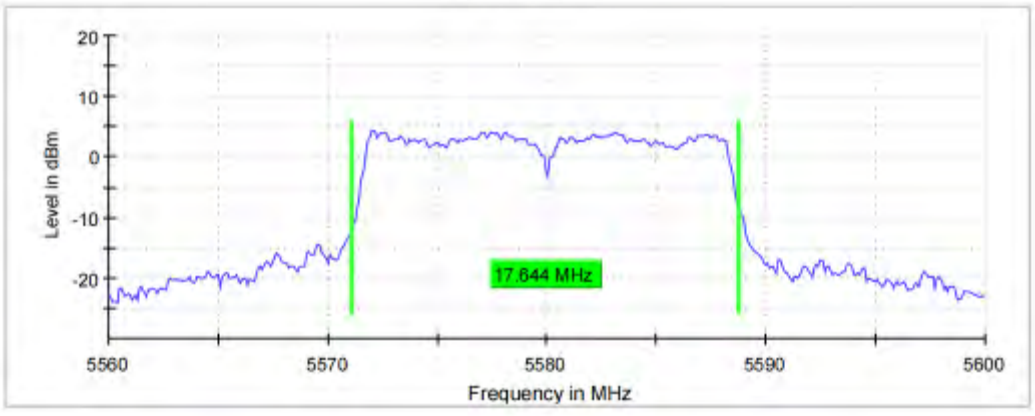
11A _Ant0_5500



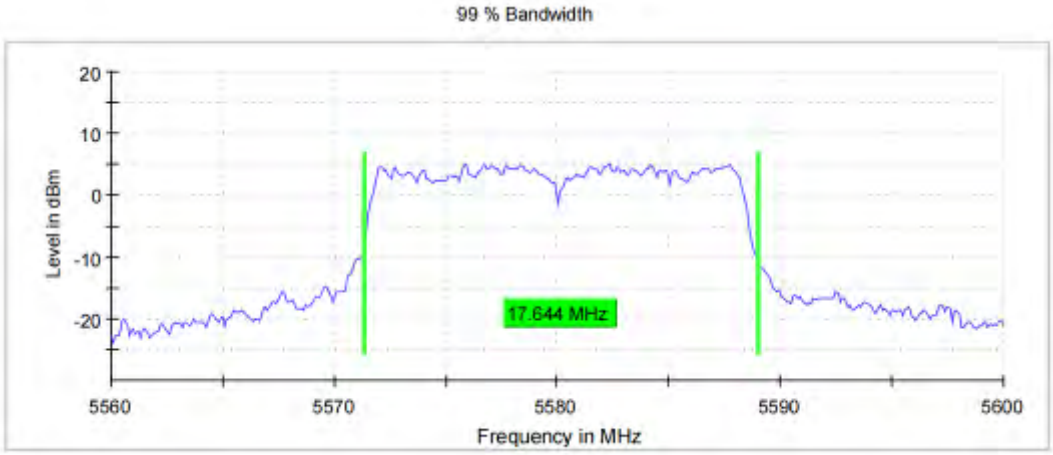
11A _Ant1_5500



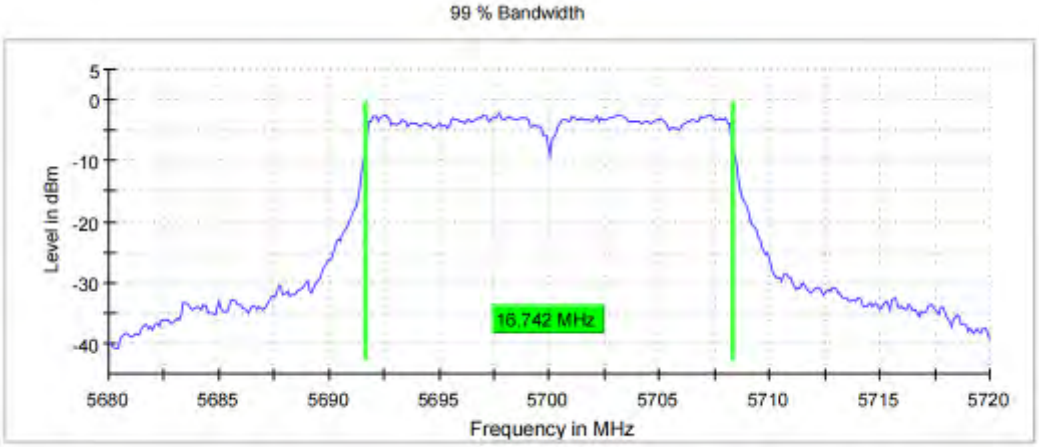
11A _Ant0_5580



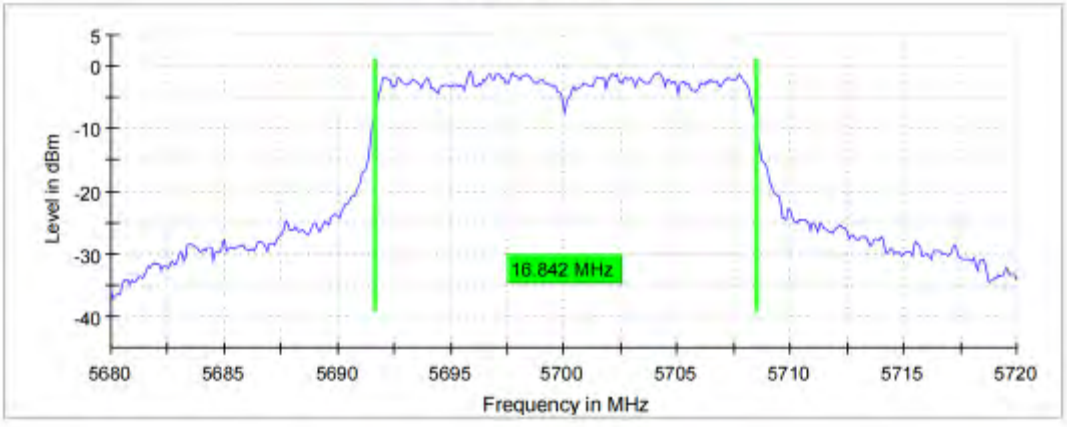
11A _Ant1_5580



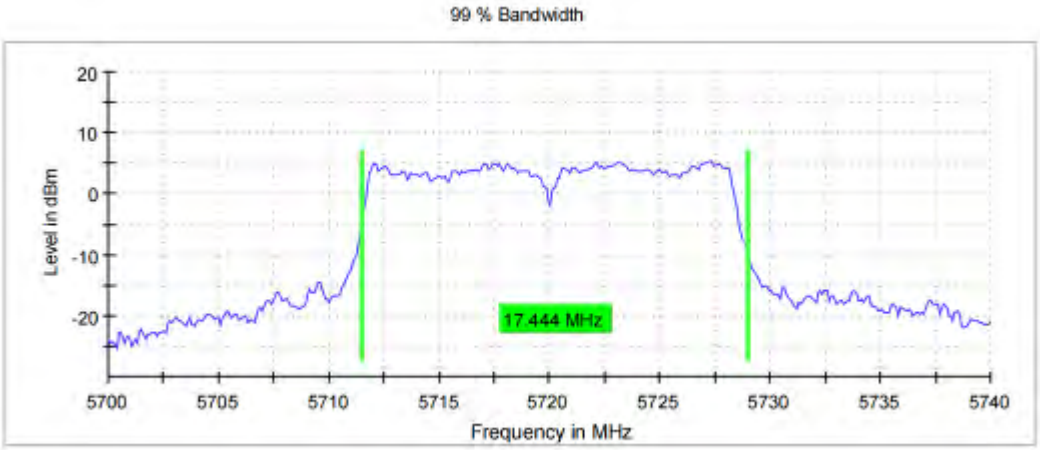
11A _Ant0_5700



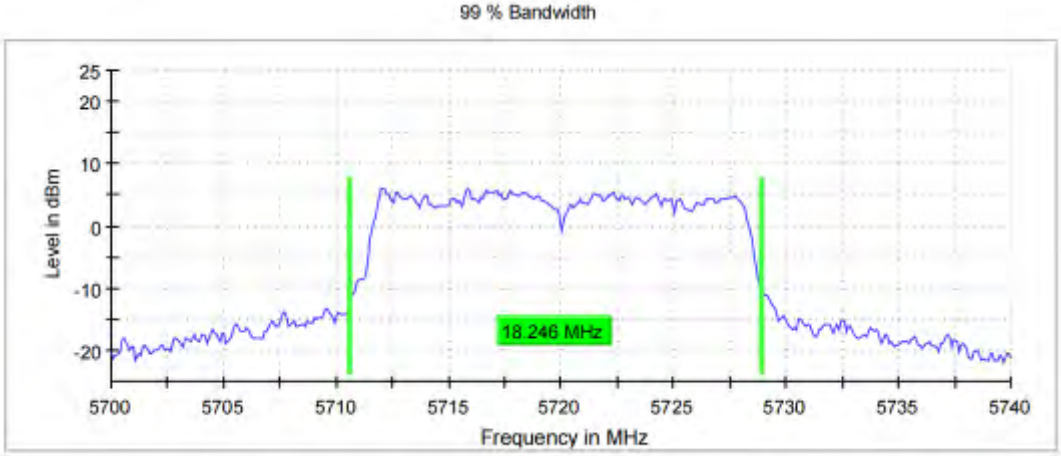
11A _Ant1_5700



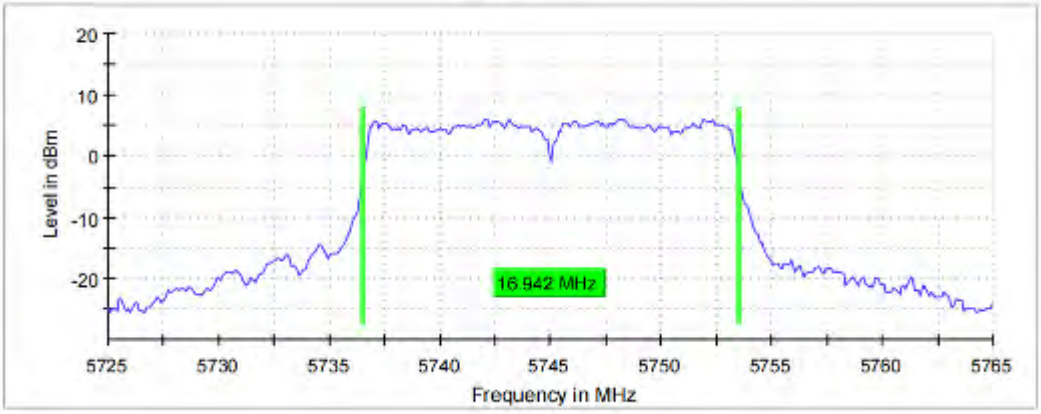
11A_Ant0_5720



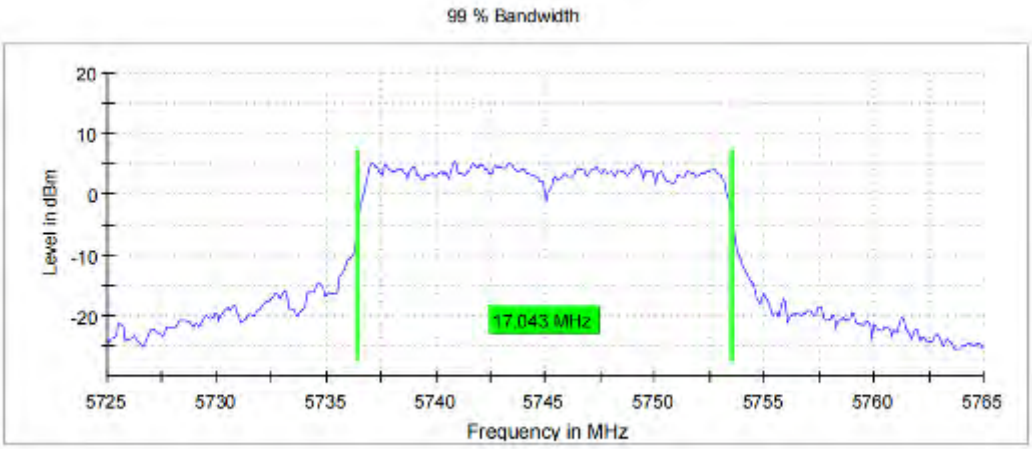
11A_Ant1_5720



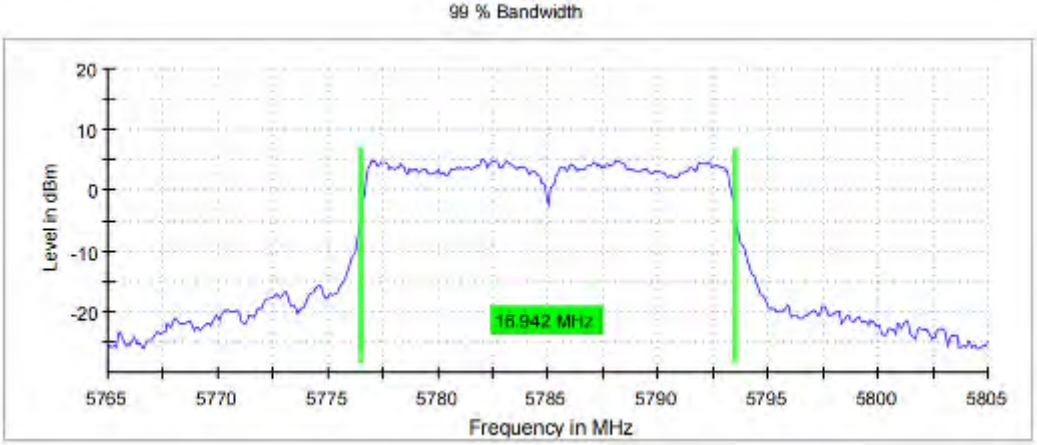
11A _Ant0_5745



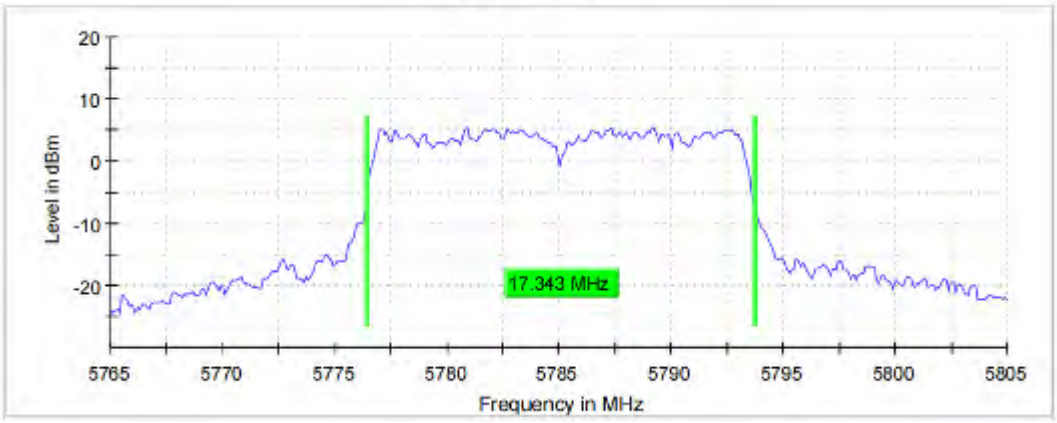
11A _Ant1_5745



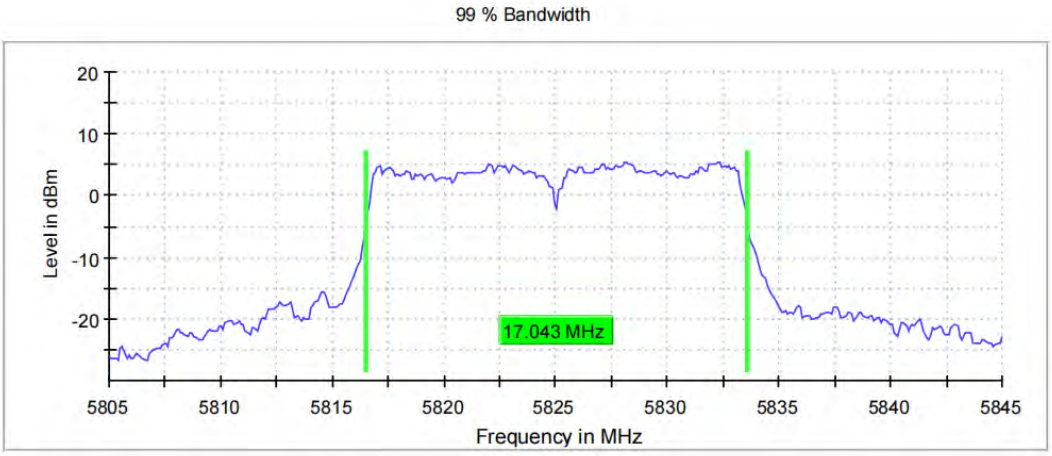
11A_Ant0_5785



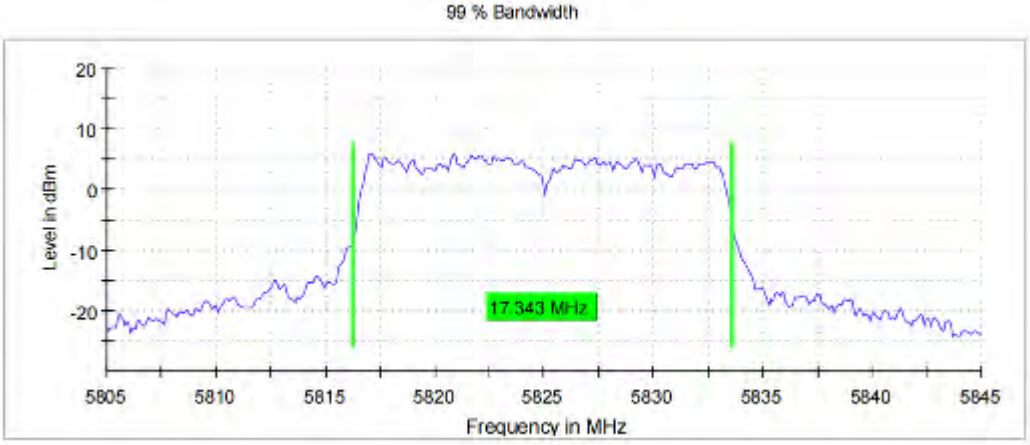
11A _Ant1_5785



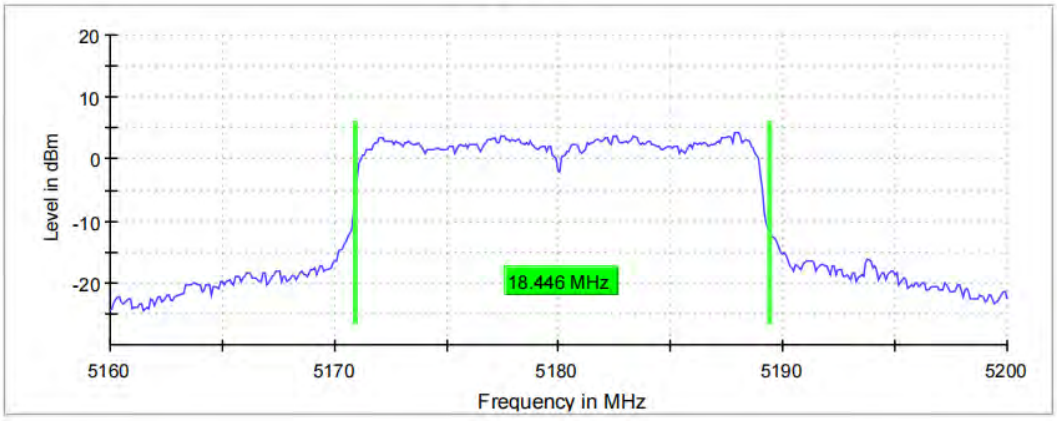
11A_Ant0_5825



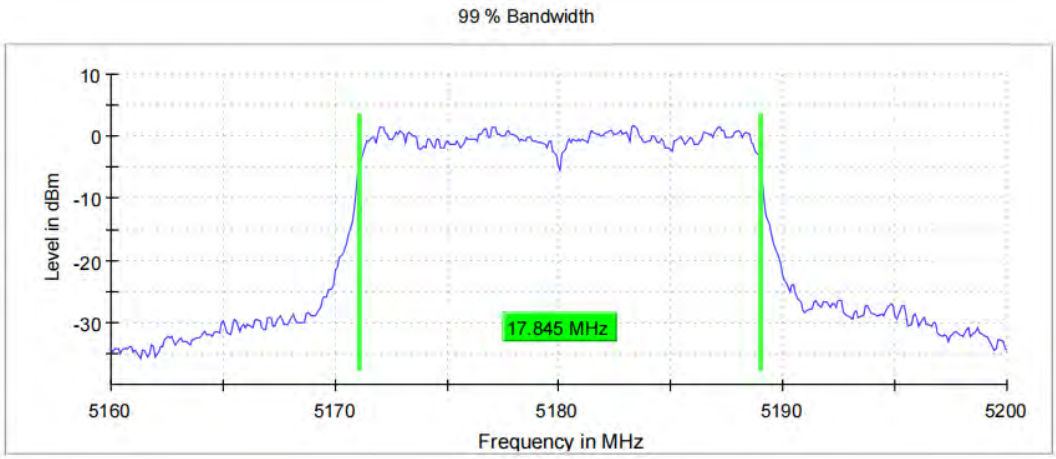
11A_Ant1_5825



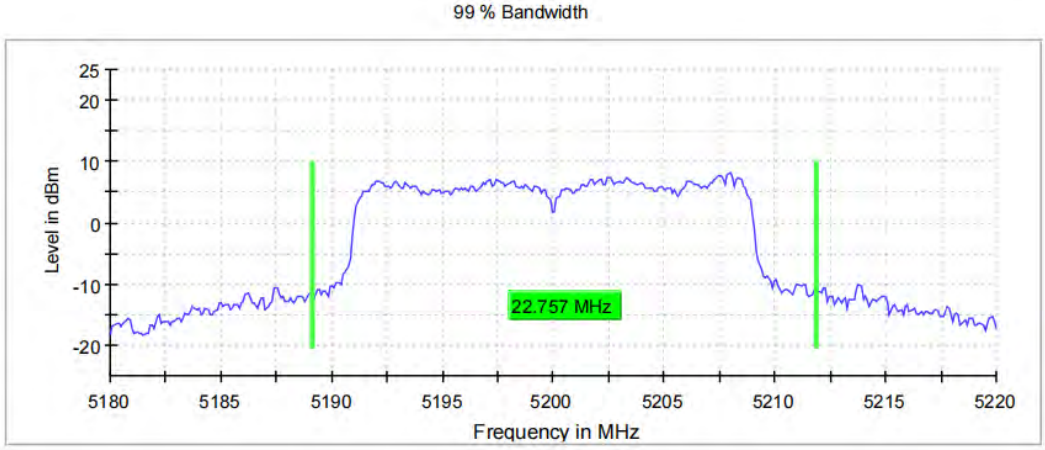
11N20_Ant0_5180



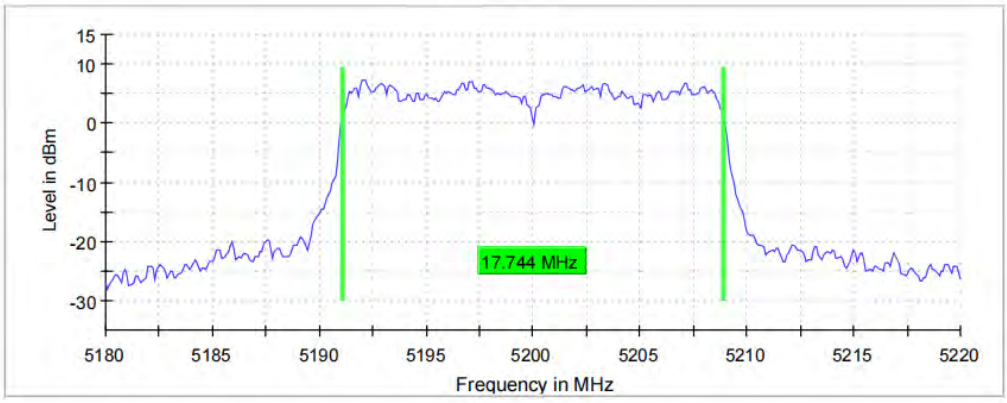
11N20_Ant1_5180



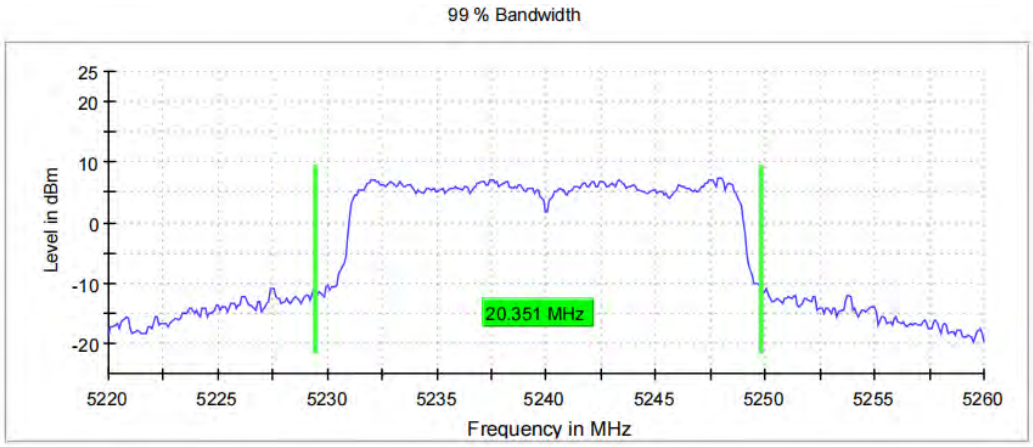
11N20 _Ant0_5200



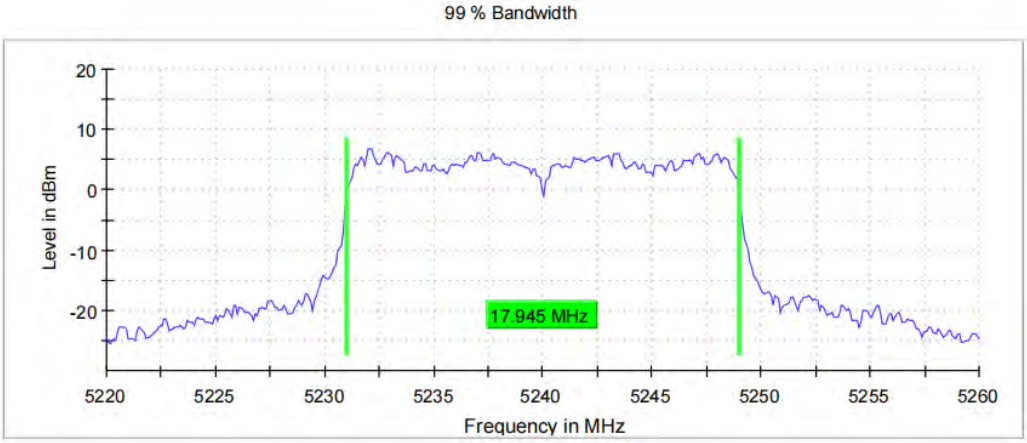
11N20 _Ant1_5200



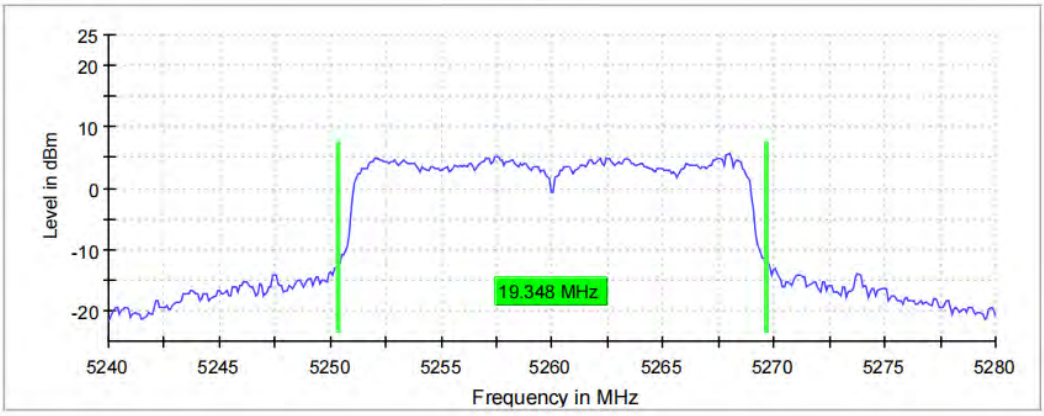
11N20 _Ant0_5240



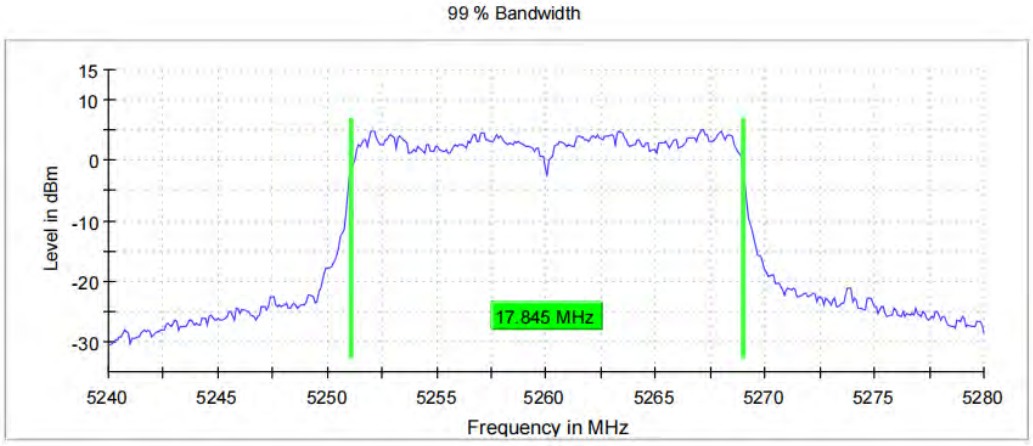
11N20 _Ant1_5240



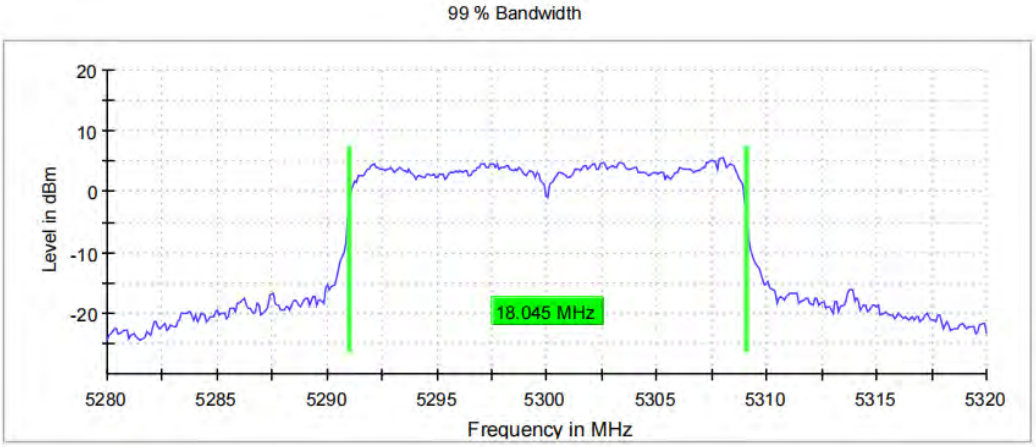
11N20 _Ant0_5260



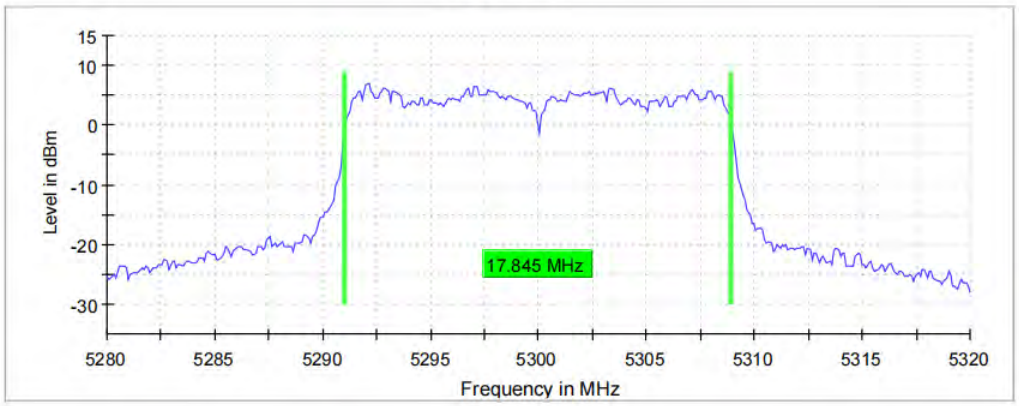
11N20 _Ant1_5260



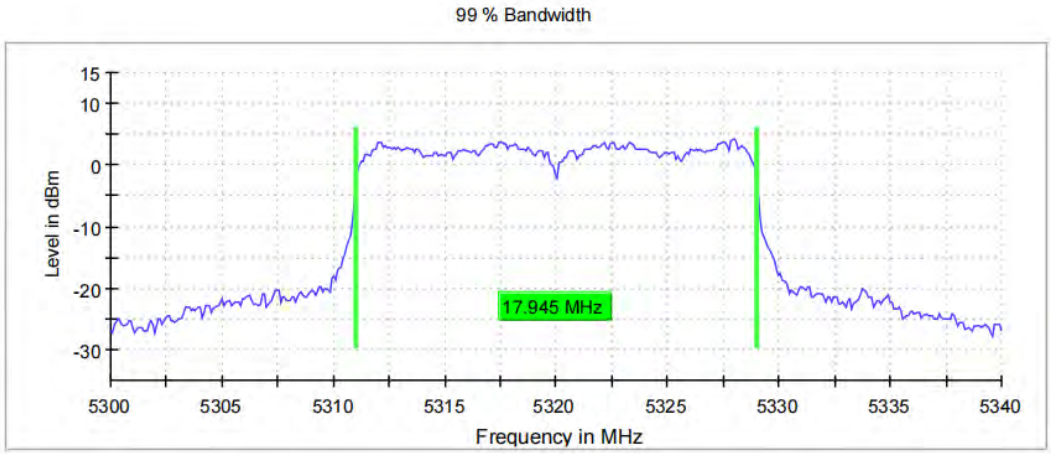
11N20_Ant0_5300



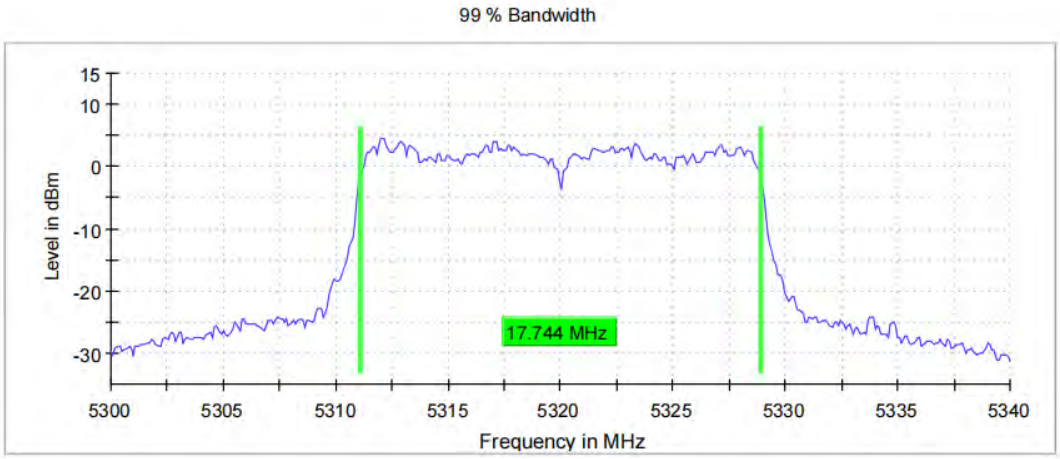
11N20_Ant1_5300



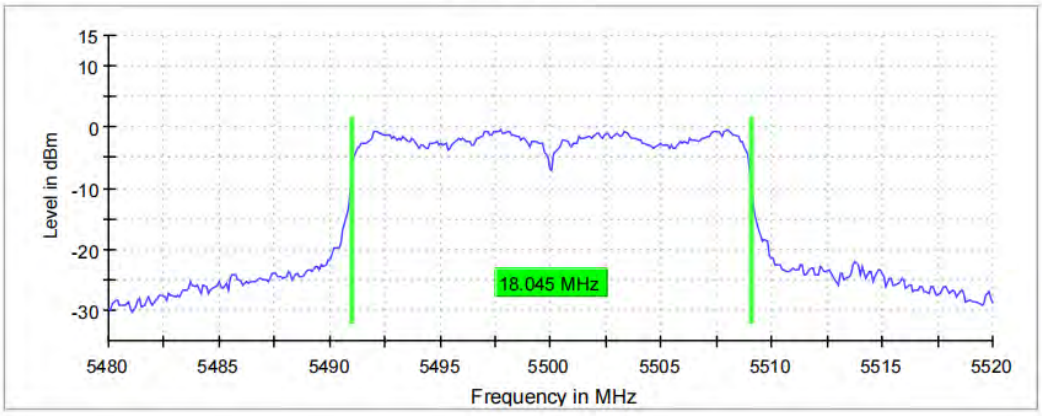
11N20 _Ant0_5320



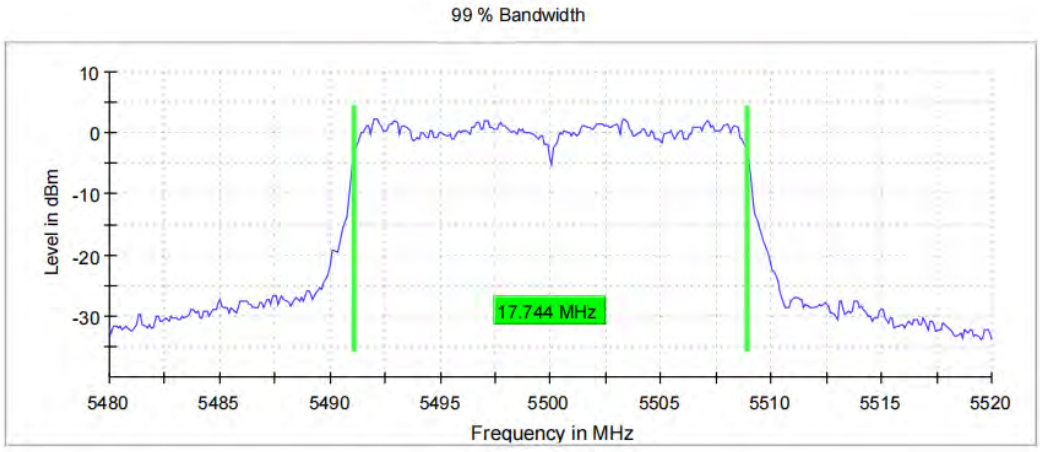
11N20 _Ant1_5320



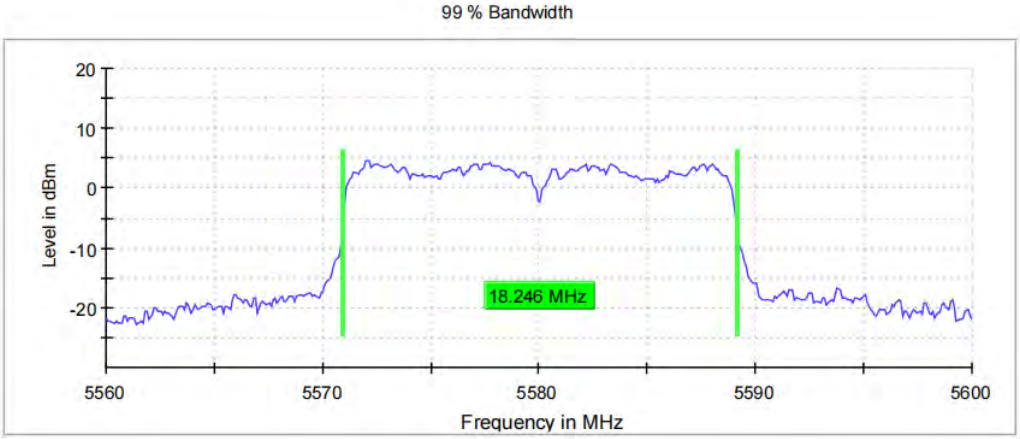
11N20 _Ant0_5500



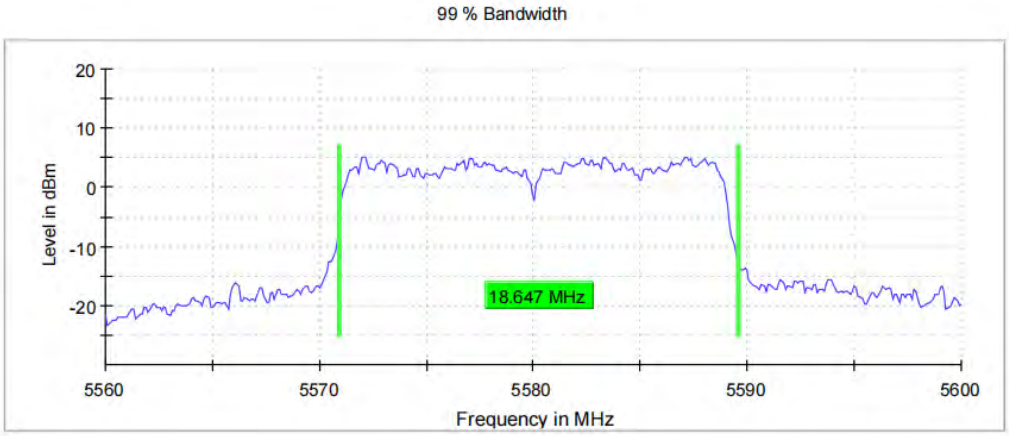
11N20 _Ant1_5500



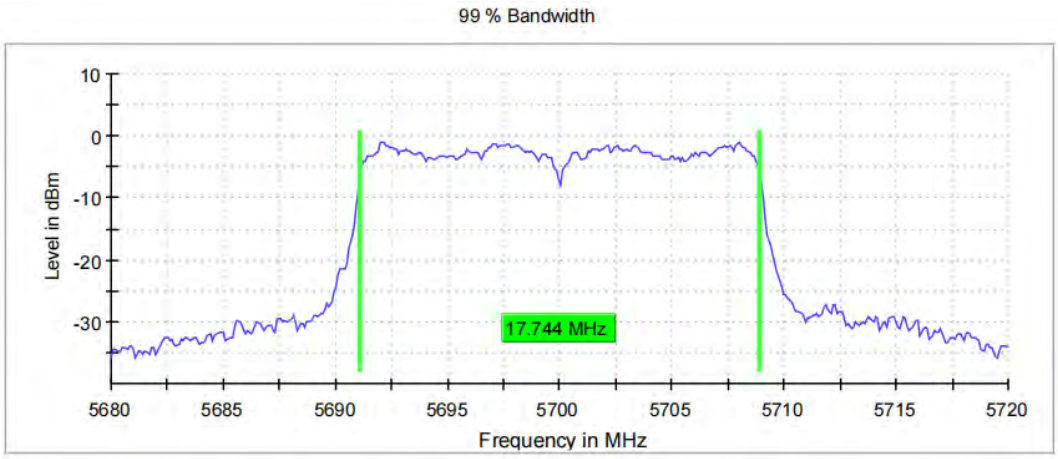
11N20 _Ant0_5580



11N20 _Ant1_5580



11N20 _Ant0_5700



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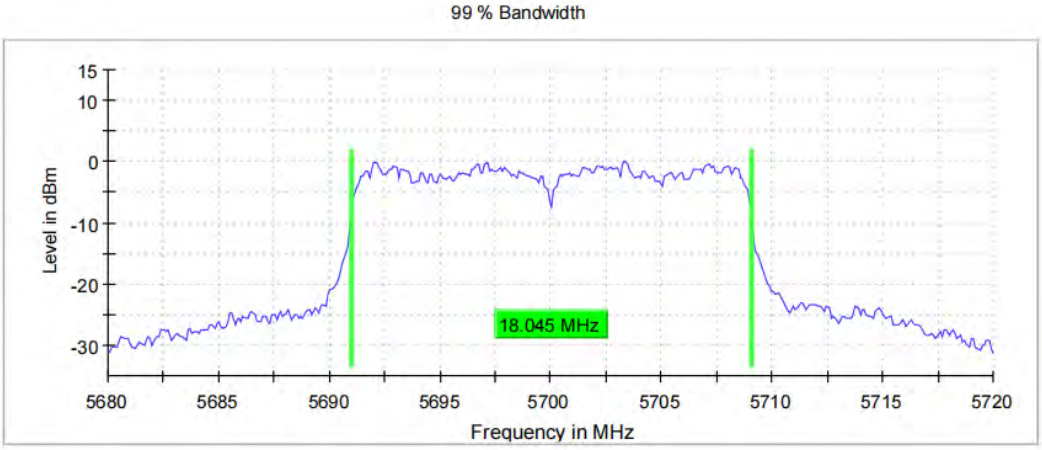

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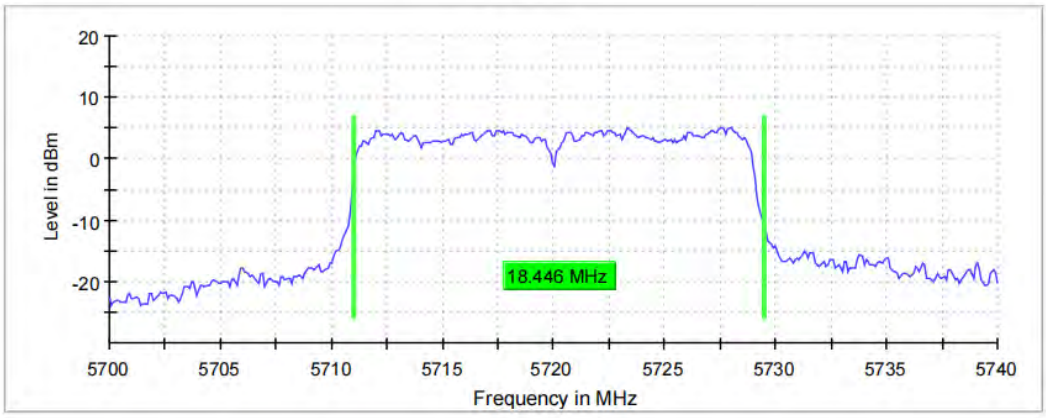

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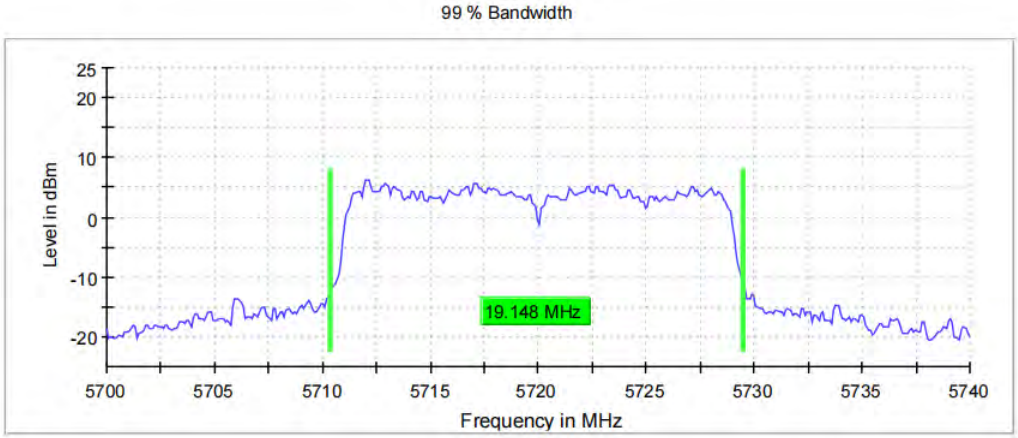

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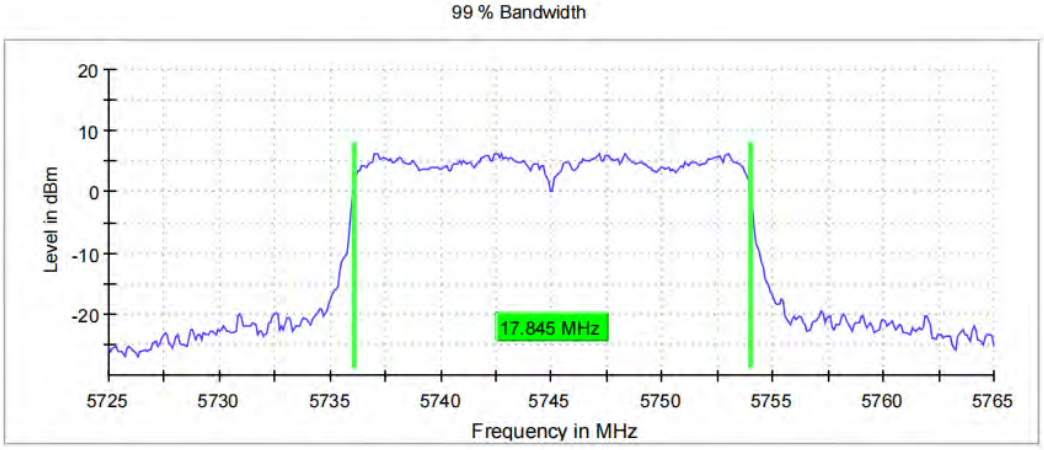
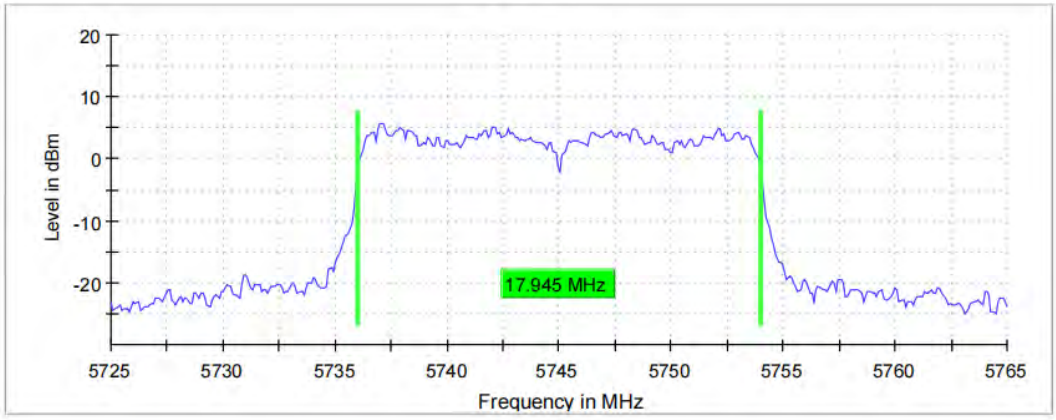


11N20 _Ant1_5745



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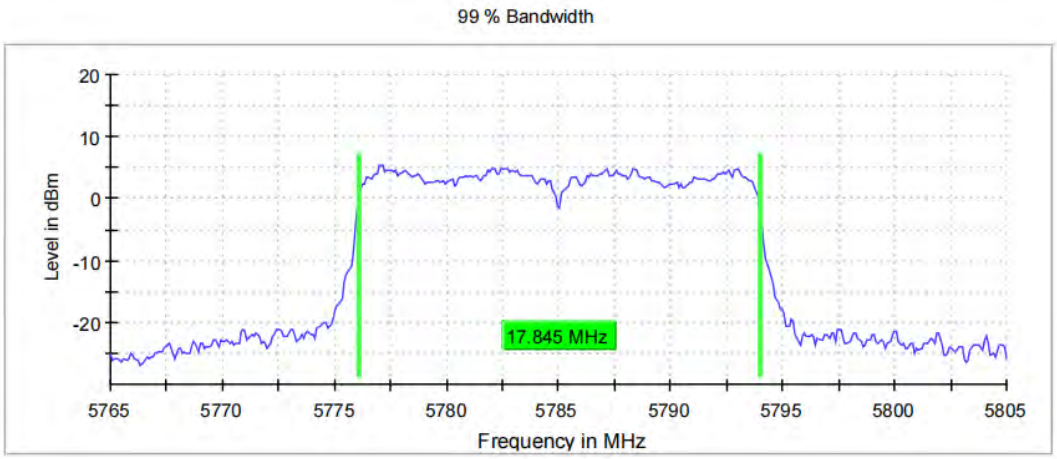
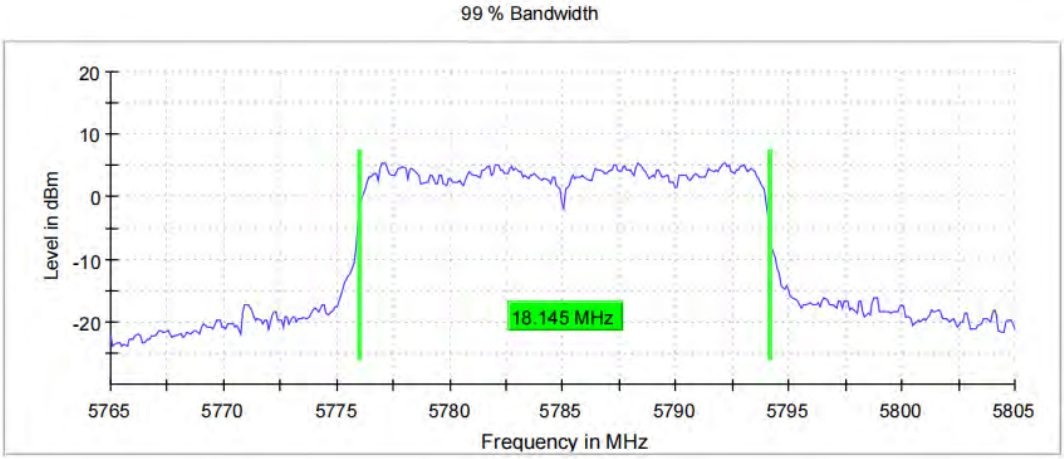


11N20 _Ant1_5785



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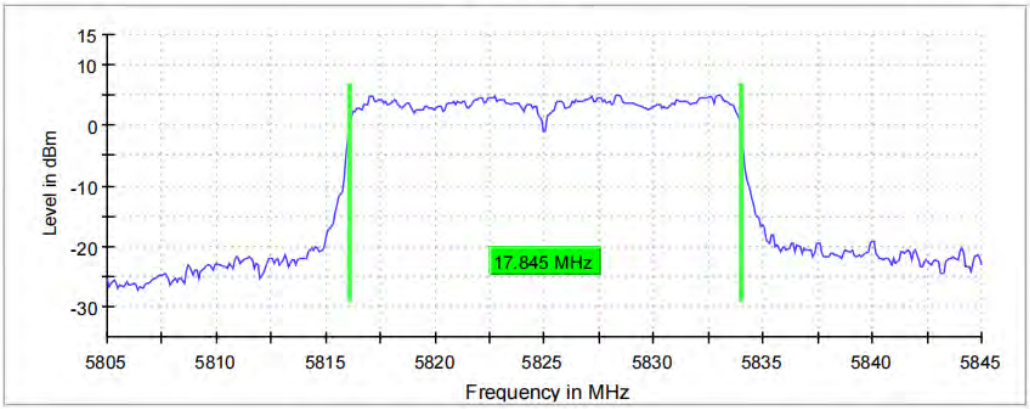
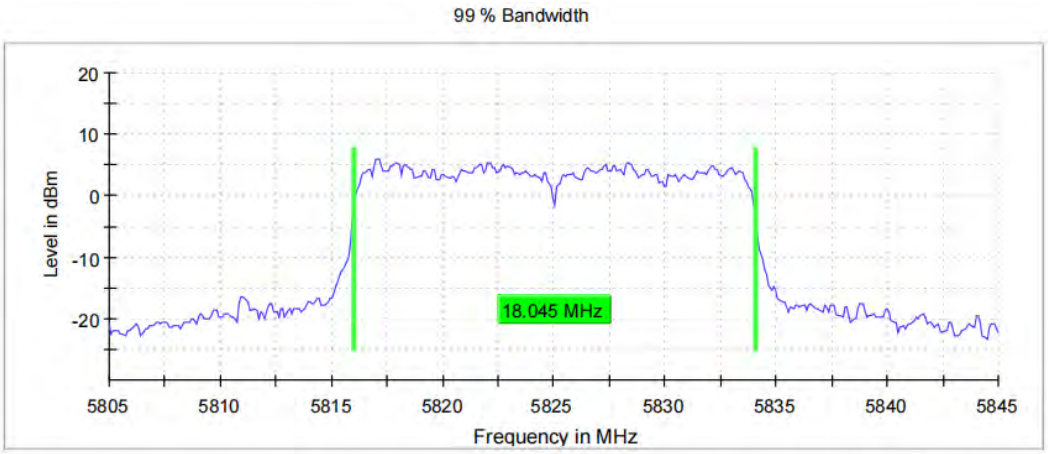
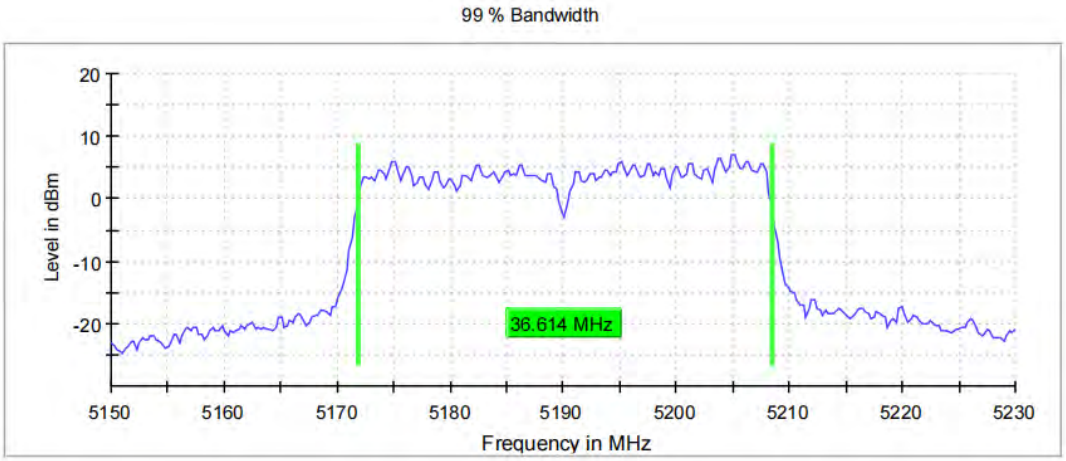


11N20 _Ant1_5825



11N40 _Ant0_5190



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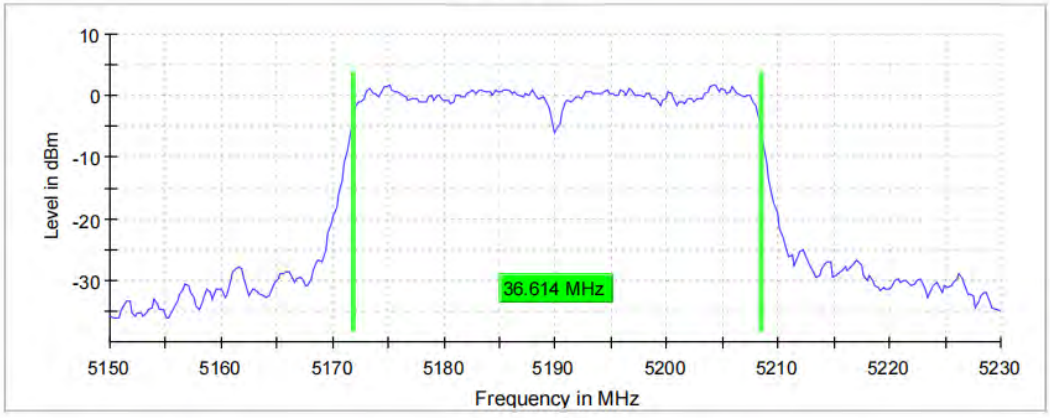
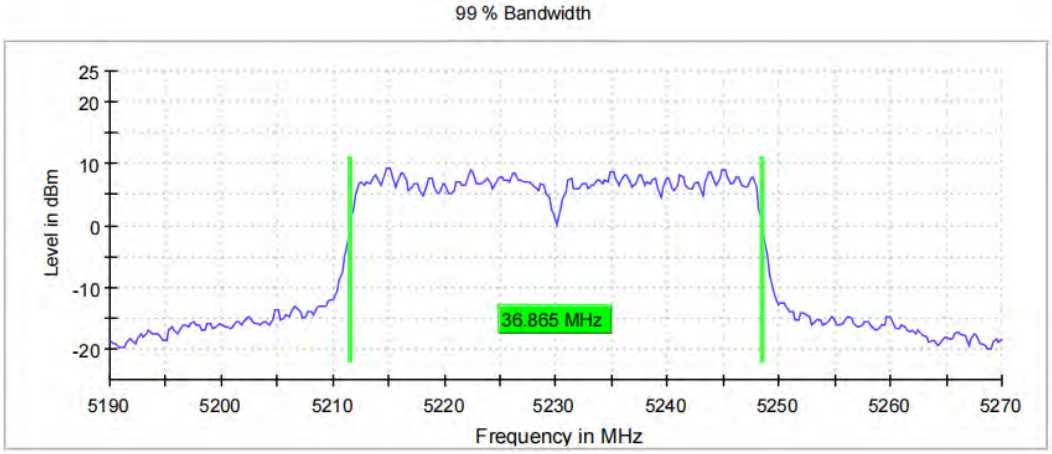


11N40 _Ant0_5230



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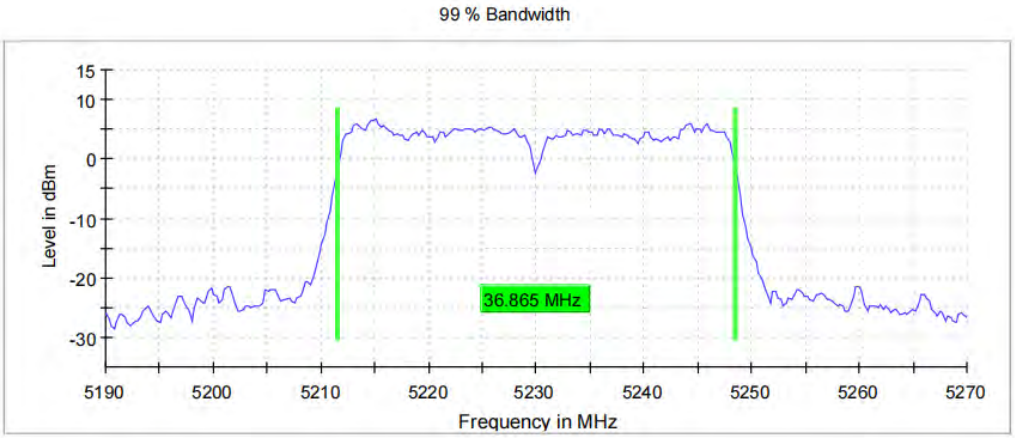

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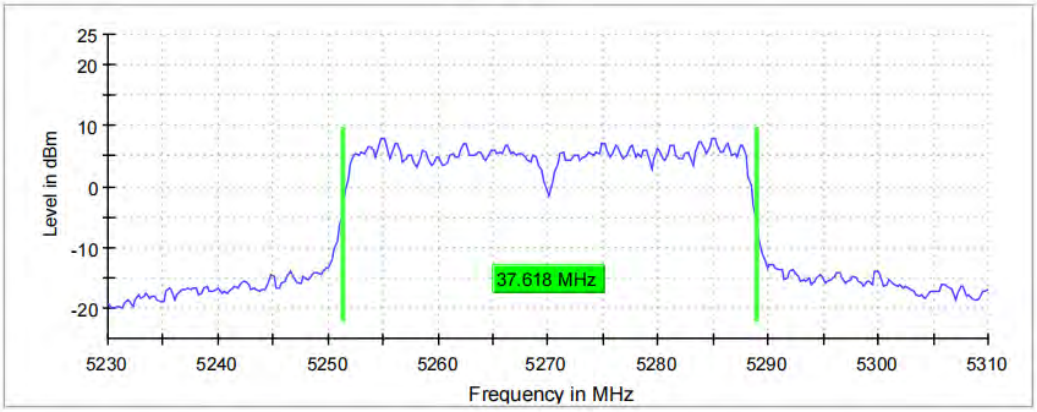

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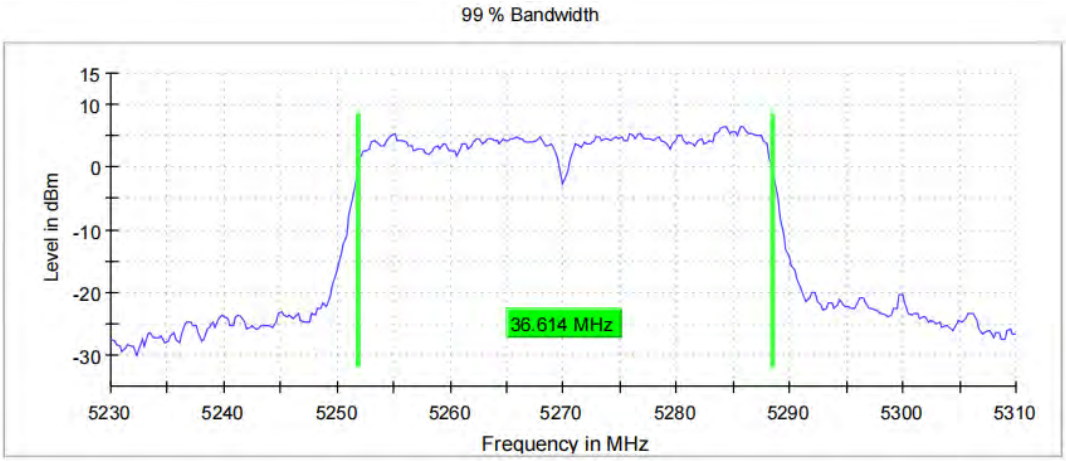

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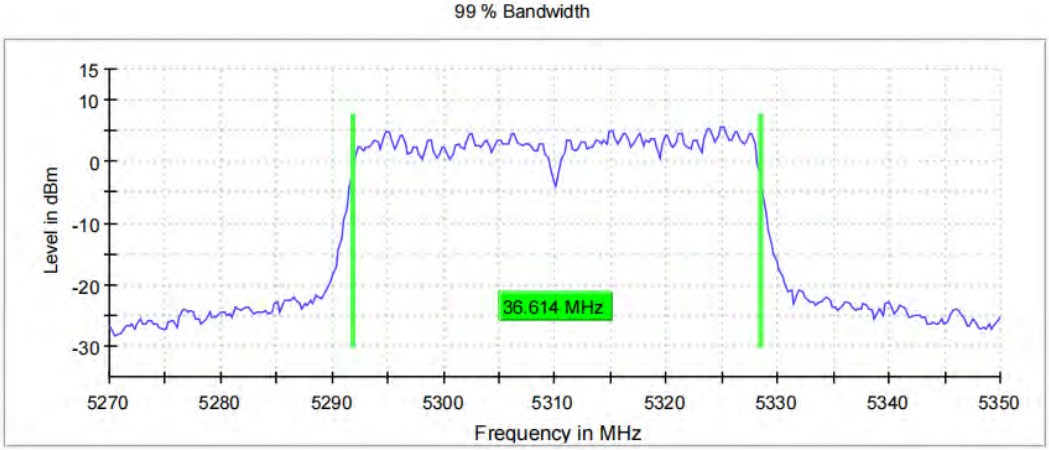

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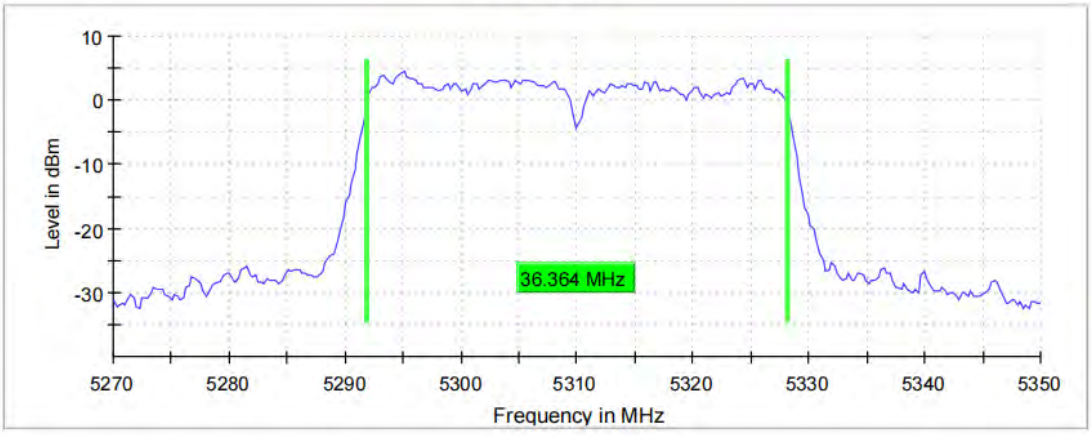

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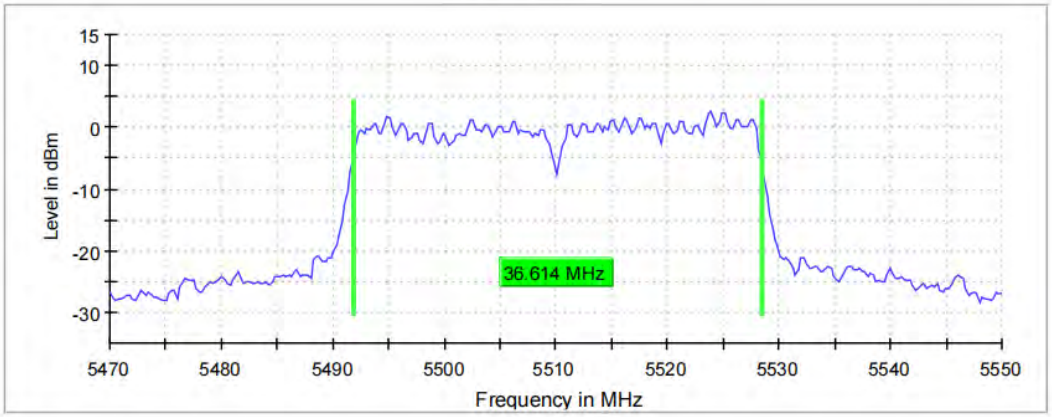

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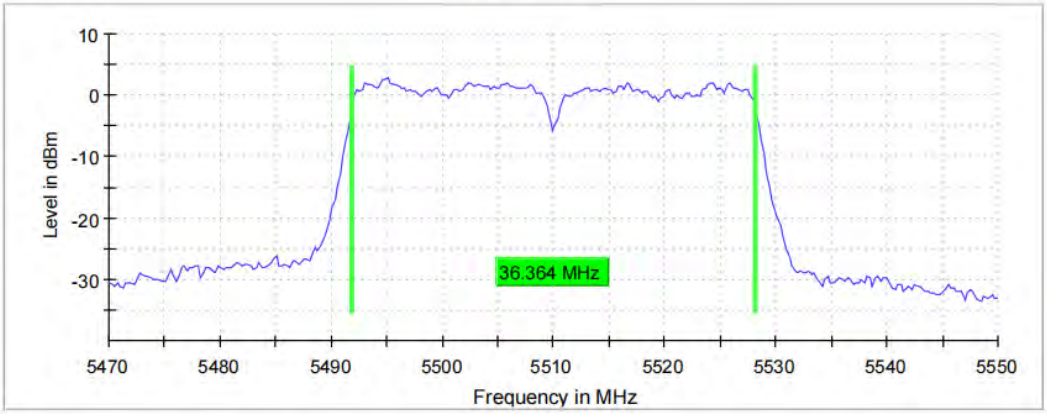
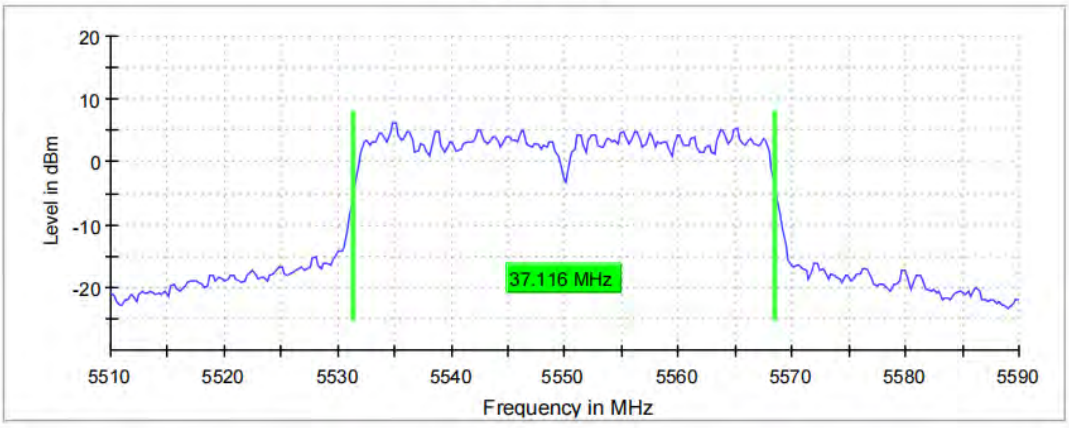


11N40 _Ant0_5550



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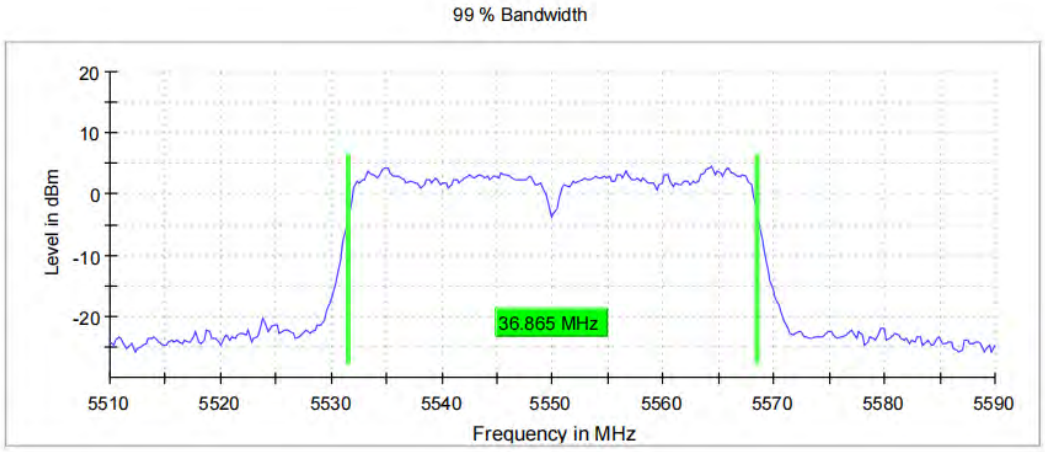

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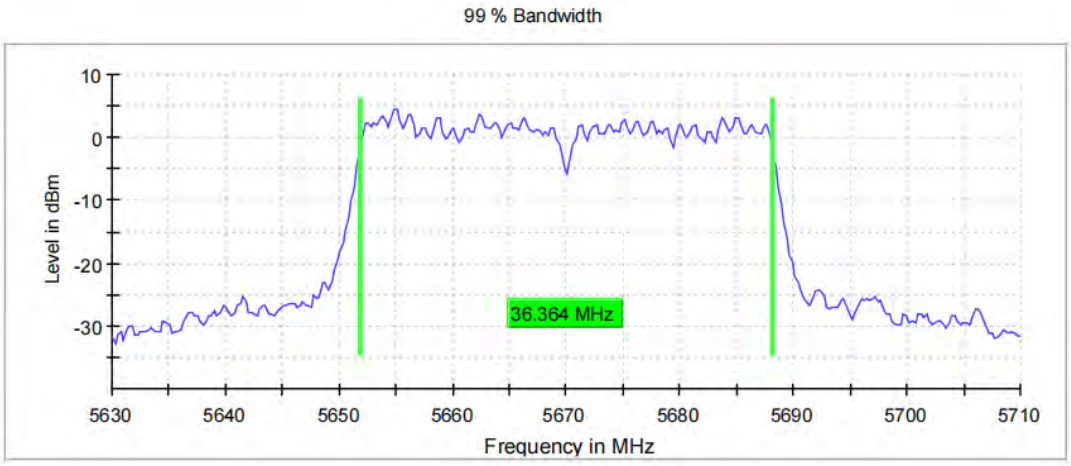

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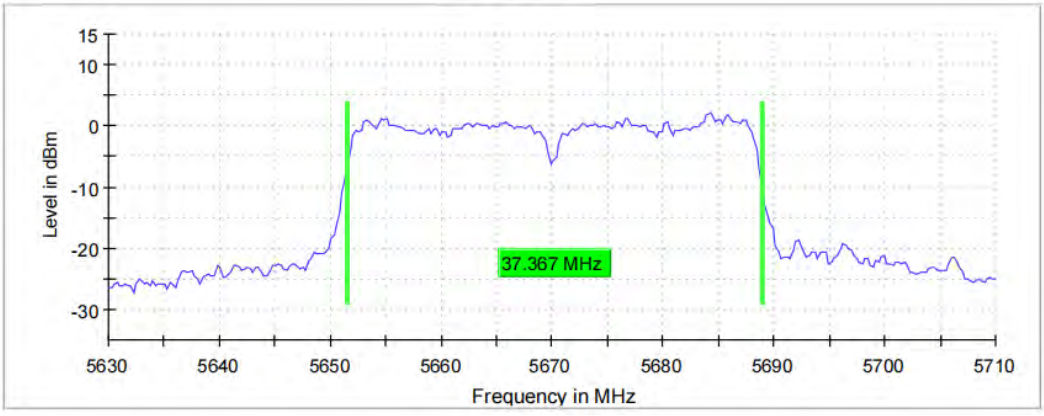

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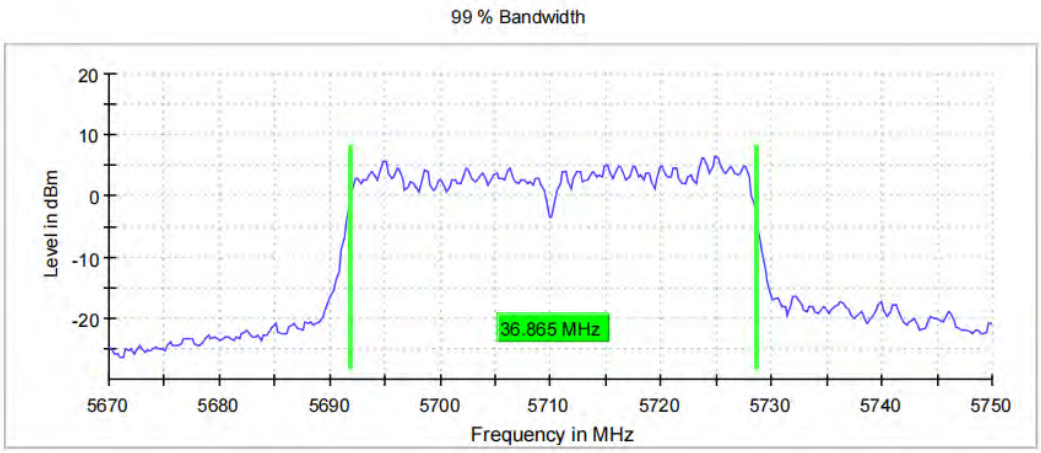

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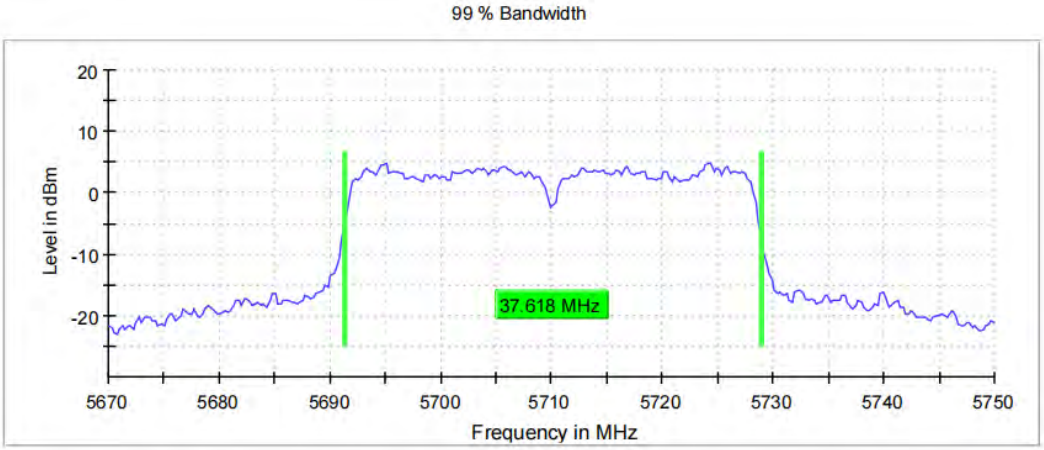

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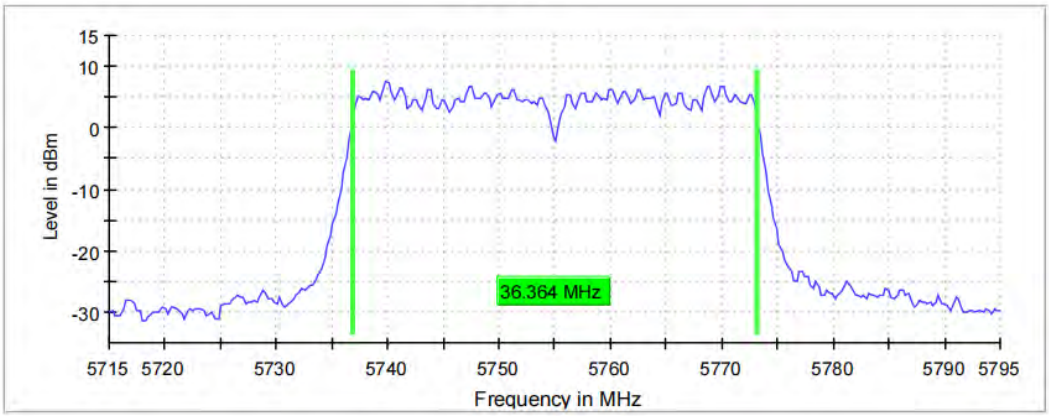

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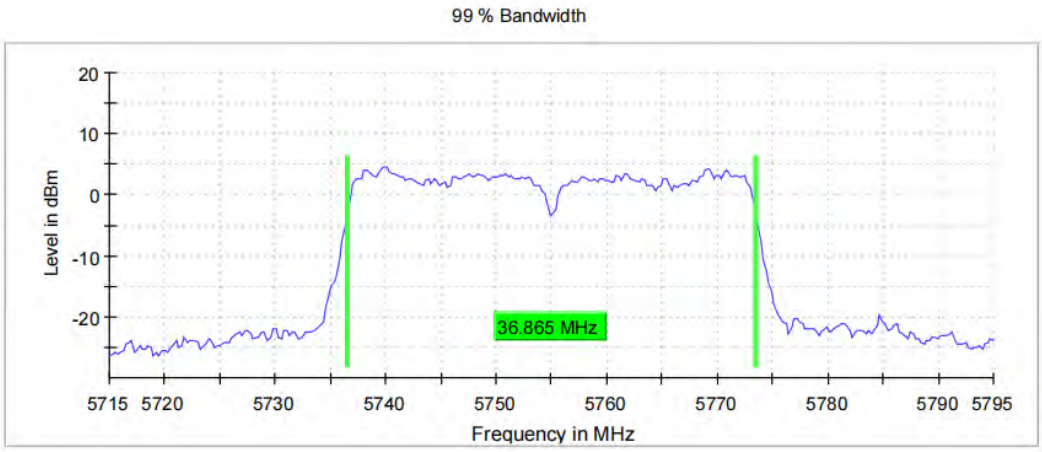

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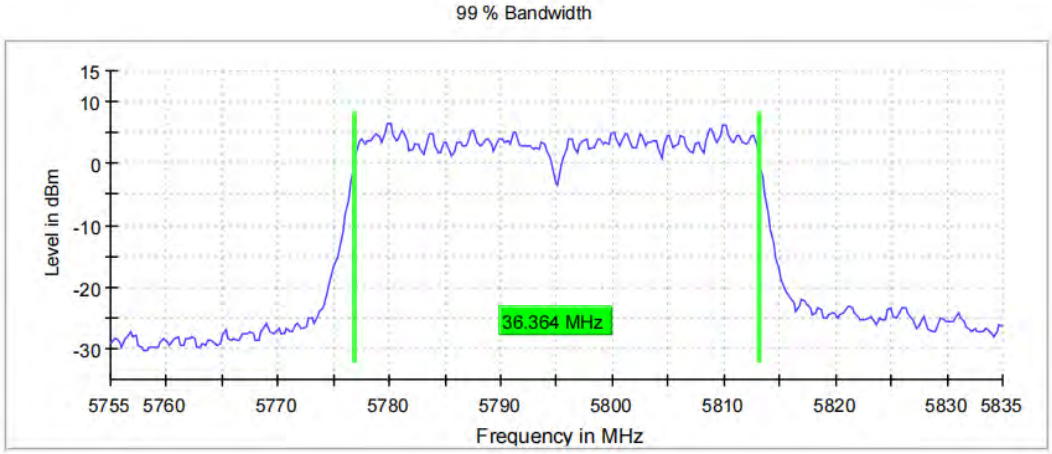
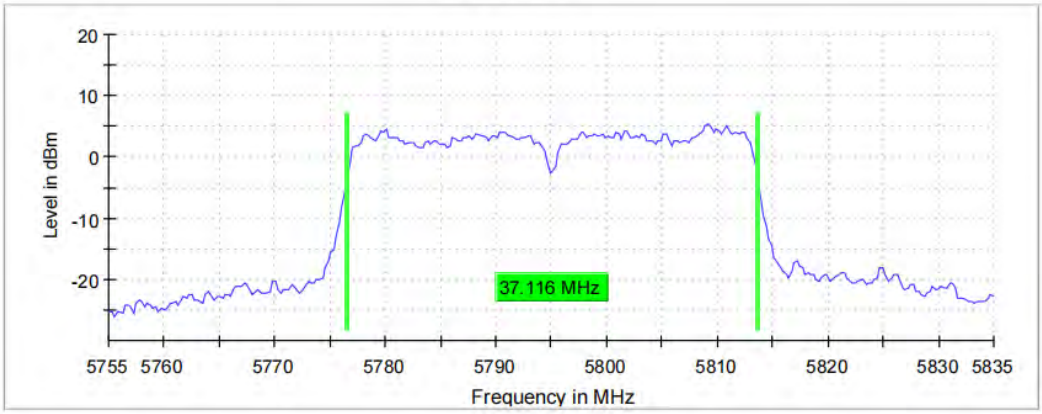
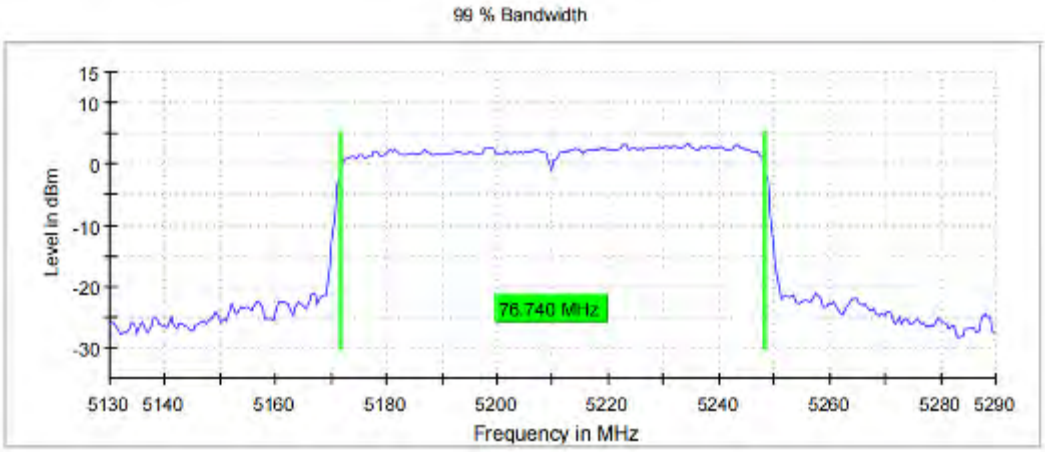


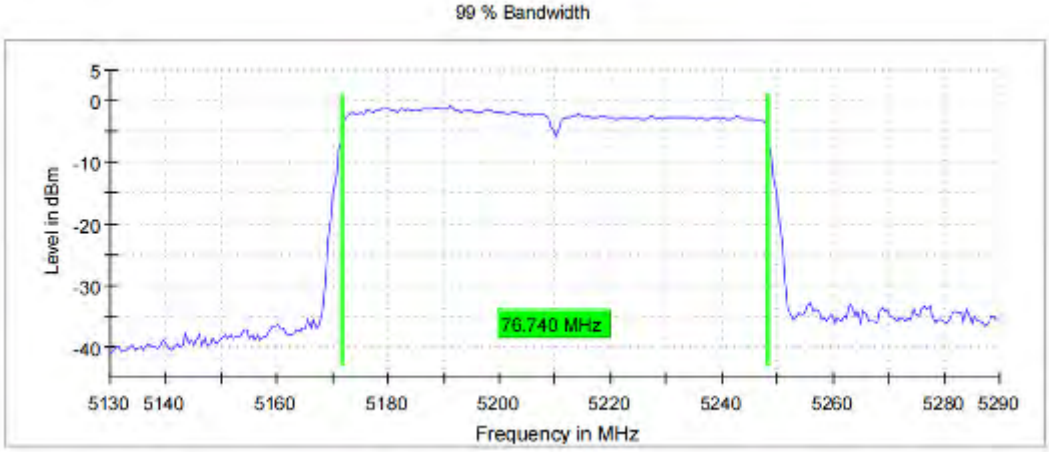
11N40 _Ant1_5795



11AC80 _Ant0_5210



11AC80 _Ant1_5210



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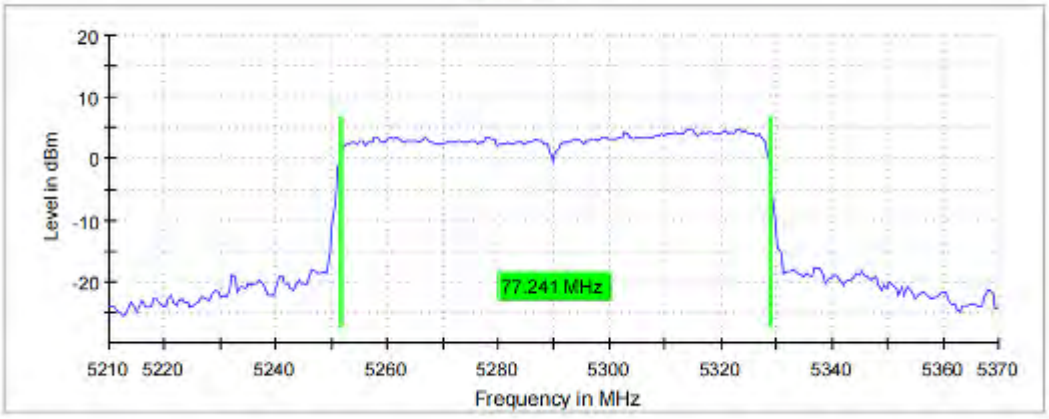

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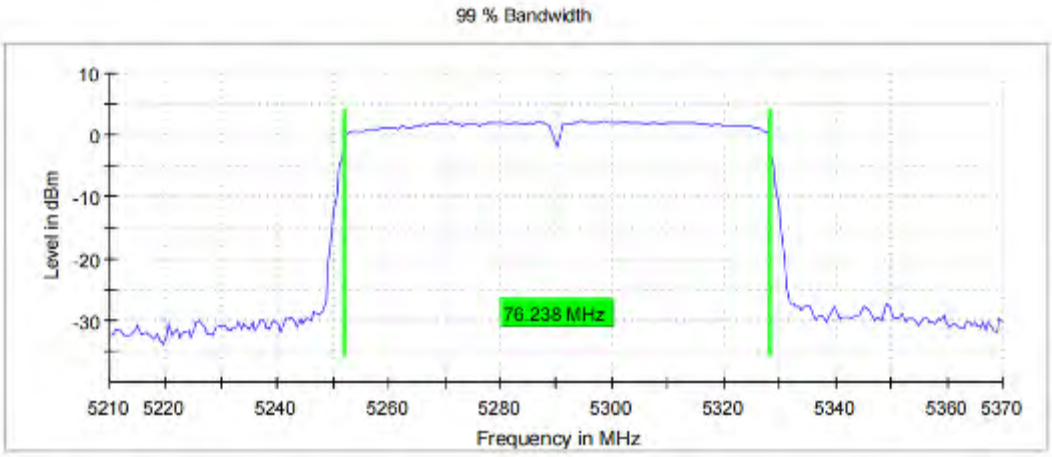

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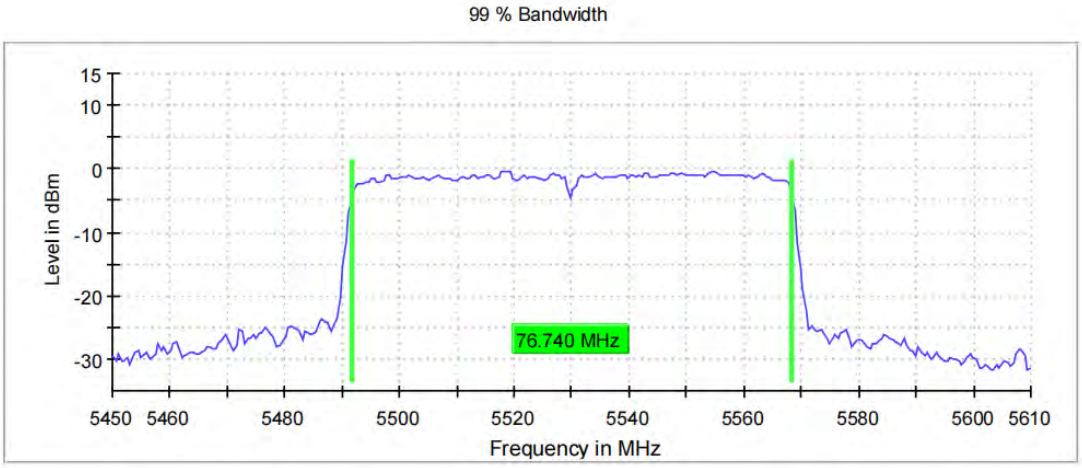

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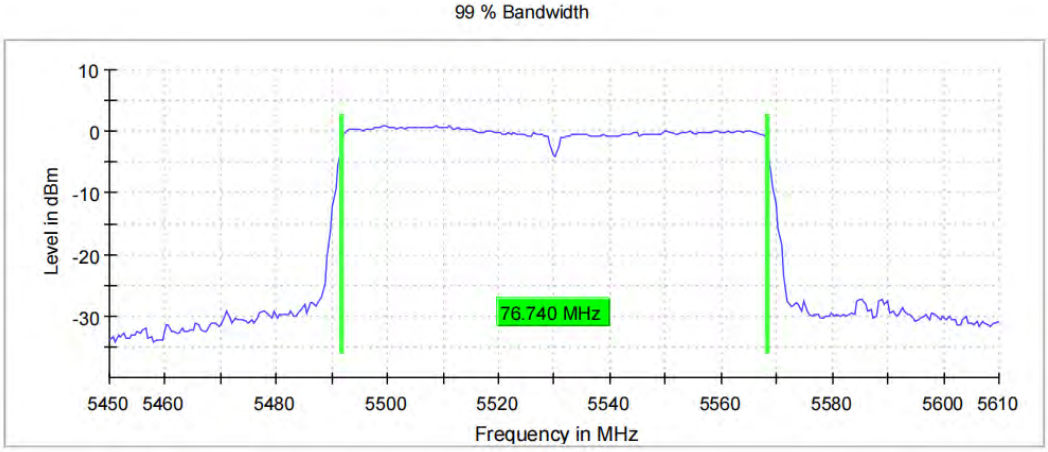
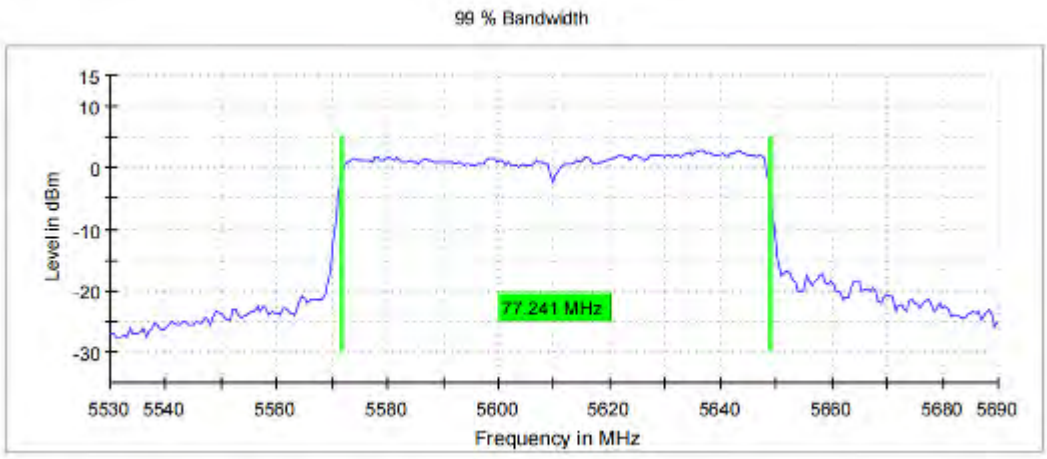
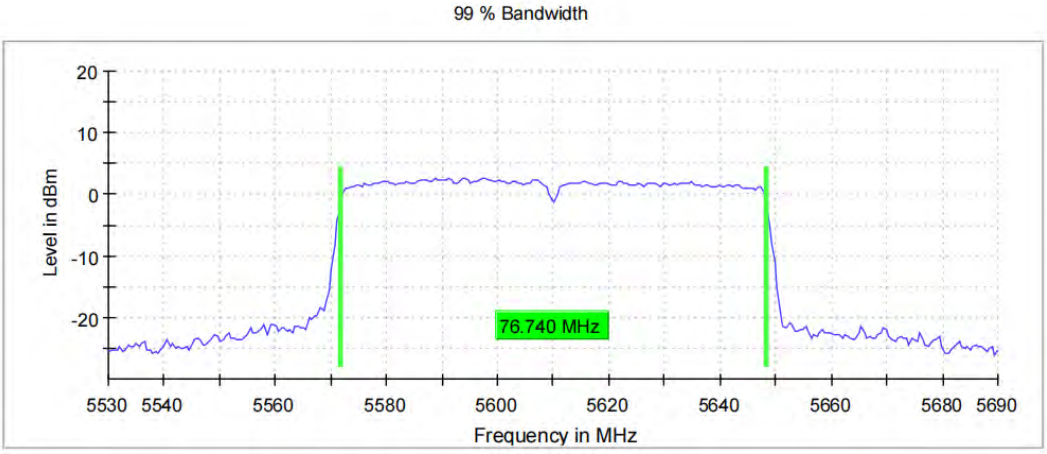


11AC80 _Ant0_5610



11AC80 _Ant1_5610



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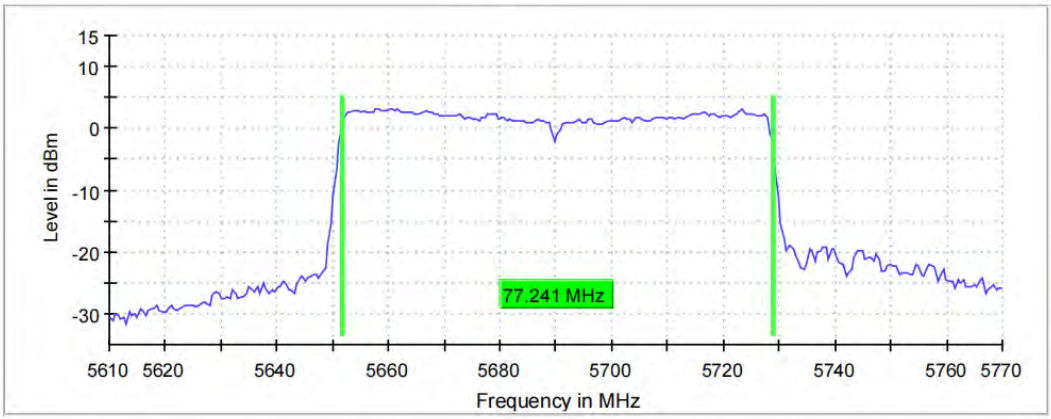

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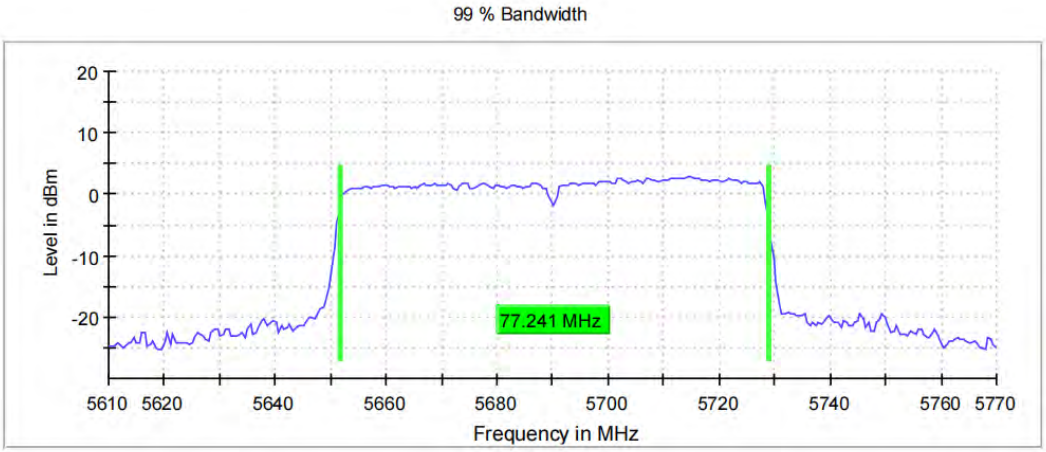

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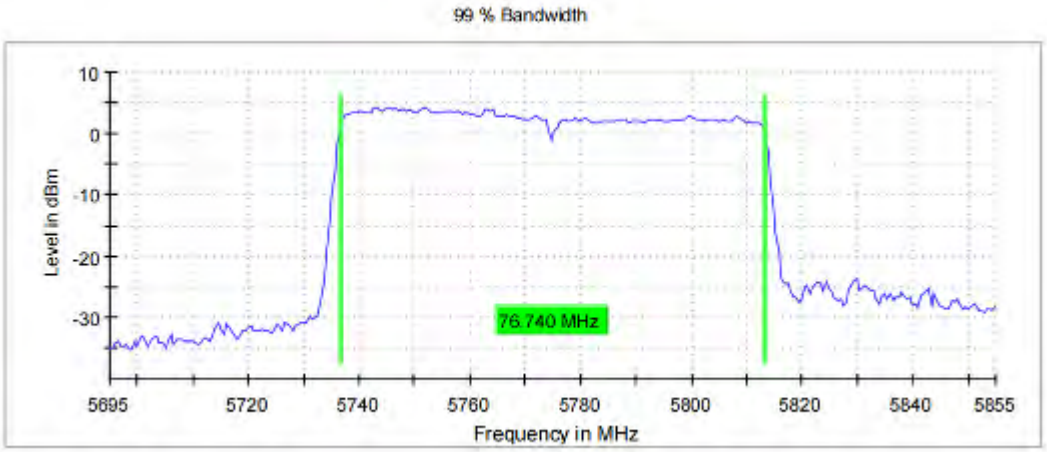
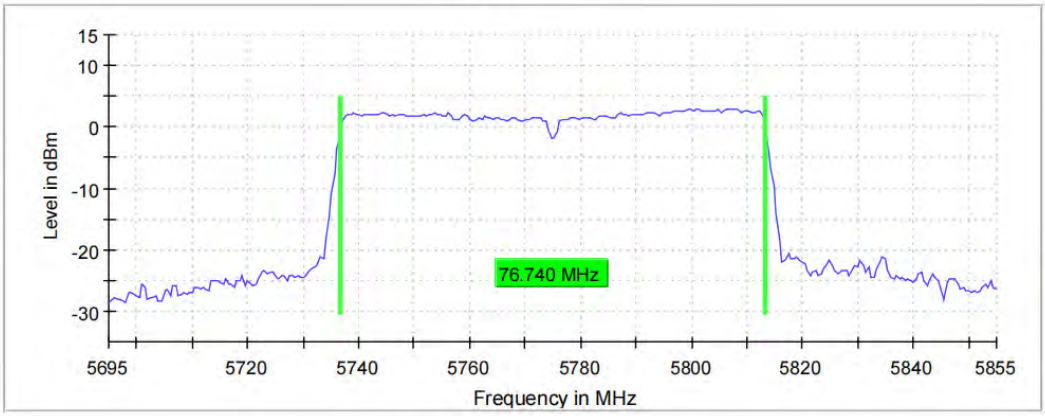


11AC80 _Ant1_5775

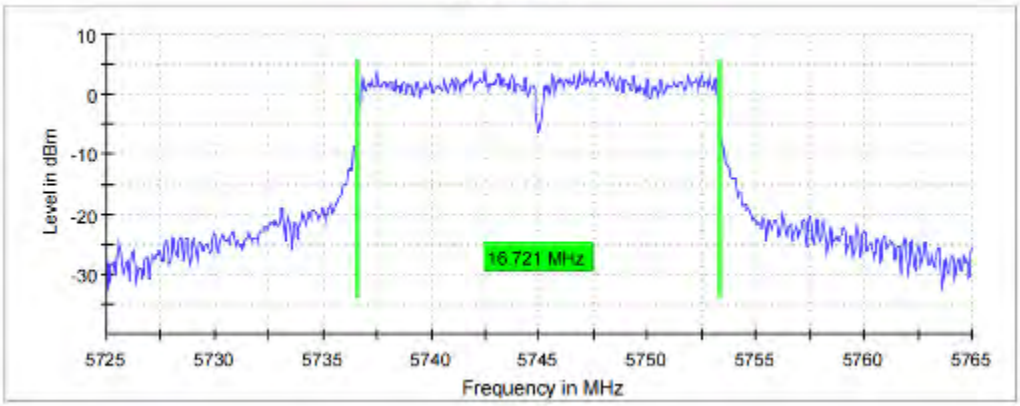


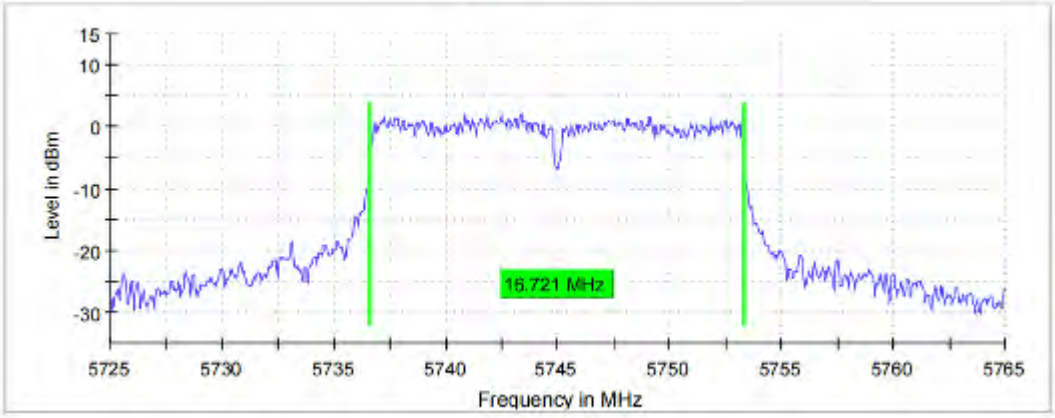
MIN EMISSION BANDWIDTH

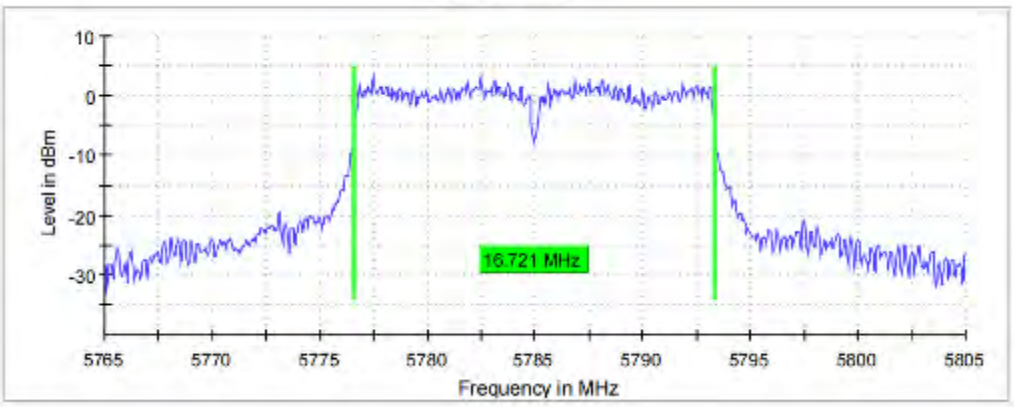
TEST RESULT B4

TestMode	Antenna	Frequency [MHz]	6db EBW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11A	Ant0	5745	16.721	5736.615	5736.615	0.5	PASS
	Ant1	5745	16.721	5736.615	5736.615	0.5	PASS
	Ant0	5785	16.721	5776.615	5776.615	0.5	PASS
	Ant1	5785	16.721	5776.615	5776.615	0.5	PASS
	Ant0	5825	16.671	5816.665	5816.665	0.5	PASS
	Ant1	5825	16.721	5816.615	5816.615	0.5	PASS
11N20-MIMO	Ant0	5745	17.722	5736.114	5753.836	0.5	PASS
	Ant1	5745	17.772	5736.064	5753.836	0.5	PASS
	Ant0	5785	17.772	5776.064	5793.836	0.5	PASS
	Ant1	5785	17.872	5776.064	5793.936	0.5	PASS
	Ant0	5825	17.772	5816.114	5833.886	0.5	PASS
	Ant1	5825	17.872	5816.064	5833.936	0.5	PASS
11N40-MIMO	Ant0	5755	36.473	5736.764	5773.236	0.5	PASS
	Ant1	5755	36.573	5736.714	5773.286	0.5	PASS
	Ant0	5795	36.473	5776.764	5813.236	0.5	PASS
	Ant01	5795	36.523	5776.764	5813.286	0.5	PASS
11AC80-MIMO	Ant0	5775	76.524	5736.713	5813.237	0.5	PASS
	Ant1	5775	76.524	5736.713	5813.237	0.5	PASS

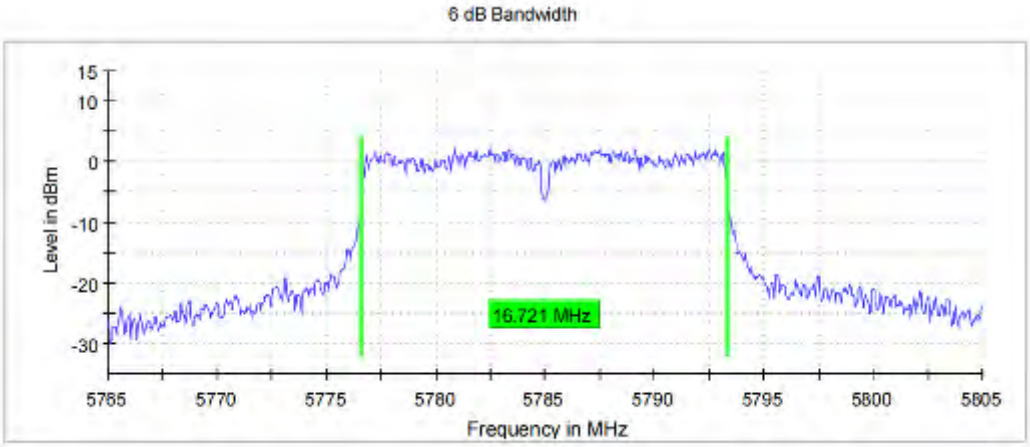
TEST GRAPHS B4

11A _Ant0_5745


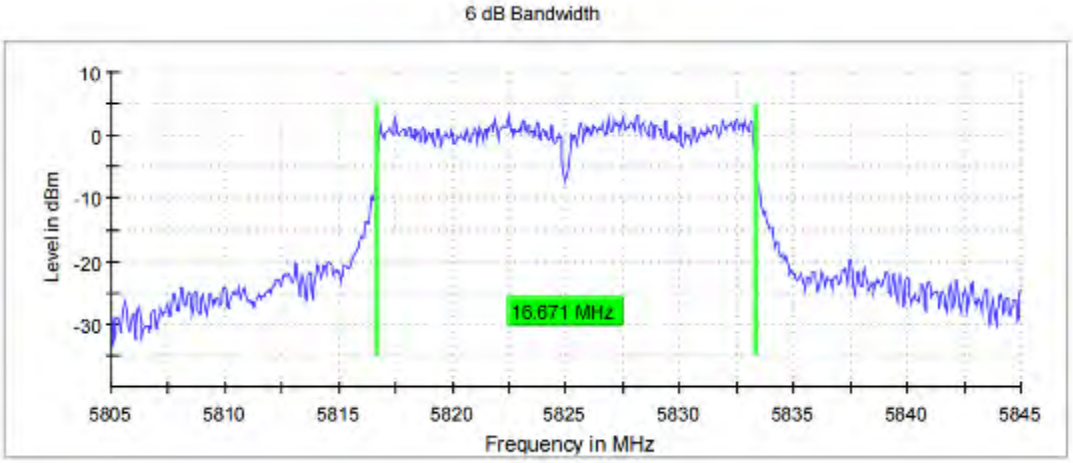
11A _Ant1_5745


11A _Ant0_5785


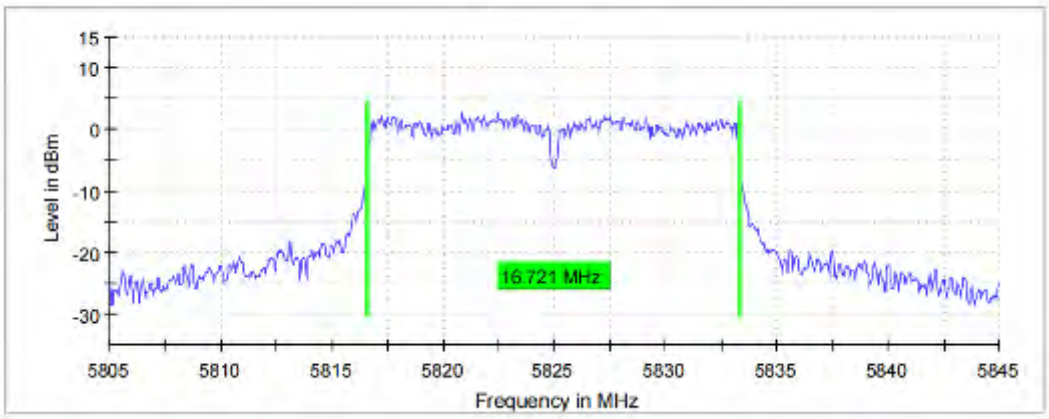
11A _Ant1_5785



11A _Ant0_5825



11A _Ant1_5825



11N20-MIMO _Ant0_5745