

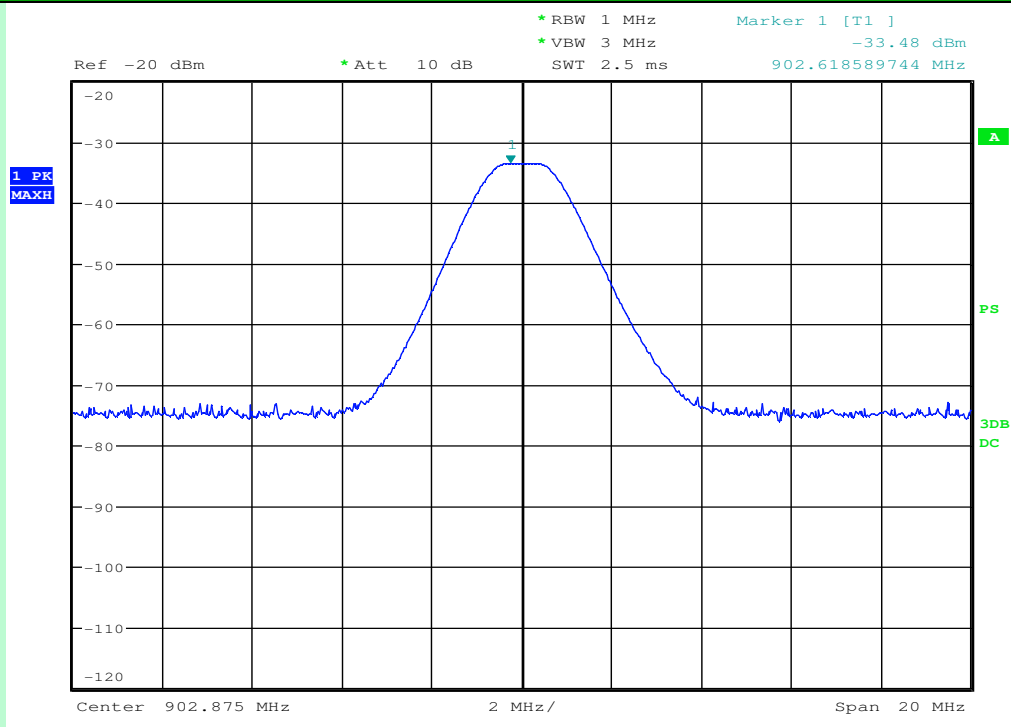
3.5 EFFECTIVE ISOTROPIC RADIATED POWER

EUT Nomenclature	Wireless Pull Station	Test Report No.	EMC0208-1
Model No.	NBG-12WL	Serial No.	PS2-06
Test Start Date	10-May-2017	Temperature (°C)	24.5±2
Test End Date	10-May-2017	Humidity RH (%)	51±2
Tested By	Magesh. S	Pressure (mbar)	NR
Input Voltage / Freq	3.3Vdc		
Operating Mode	Refer Page 5 Operating Modes Table		
Test configuration	Refer Page 5 Test Configuration Table		
Deviation from Std	NA		
Comment	Nil		
TEST FREQUENCY RANGE			
Start Frequency	902MHz	Stop Frequency	928MHz
MAXIMUM OPERATING FREQUENCY			
902MHz to 928MHz			
TEST PARAMETERS			
Antenna Height	1m to 4m	Turntable Rotation	0° to 360°
Applicable standard	ANSI 63.10 - 2013	Test Method	KDB 412172
Equipment Class	NA	Measurement Distance	3m

TEST EQUIPMENT

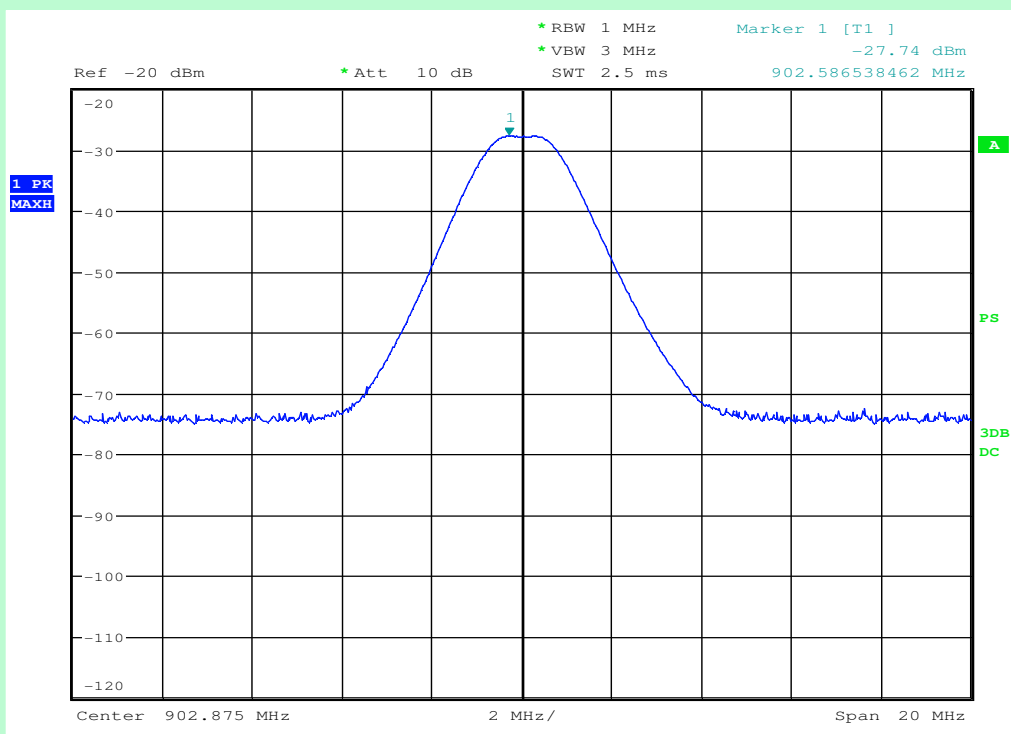
Y/N	Equipment	Make	Model	Sl. No.	Cal Due Date
Y	EMI Test Receiver	R&S	ESU26	100525	06-July-2017
Y	3m Semi Anechoic Chamber	ETS Lindgren	DKE 6X7 DBL.DR	1625	26-Jul-2018
Y	Bilog Antenna	ETS Lindgren	HLP3003C	130524	03-Jun-2017
Y	RF cable (9KHz to 1GHz)	ENS Microwave	MNS-MNS	11202012	22-Feb-2018
Y	RF cable (9KHz to 1GHz)	AH System	SAC-18G-06	RE-03	22-Feb-2018
Note: Switch ON /OFF the Internal Preamplifier based on carrier level and or noise floor without overloading the receiver					

TEST GRAPHS – EIRP



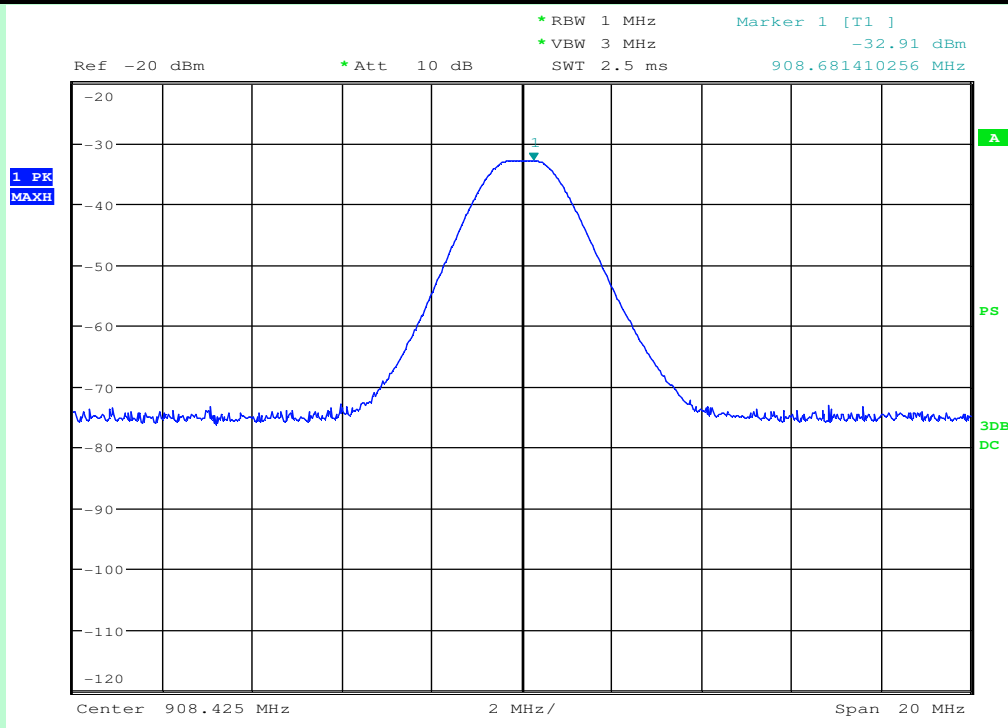
Antenna-1, Channel 1 (902.875 MHz)

Note : Peak Graph - Horizontal polarization



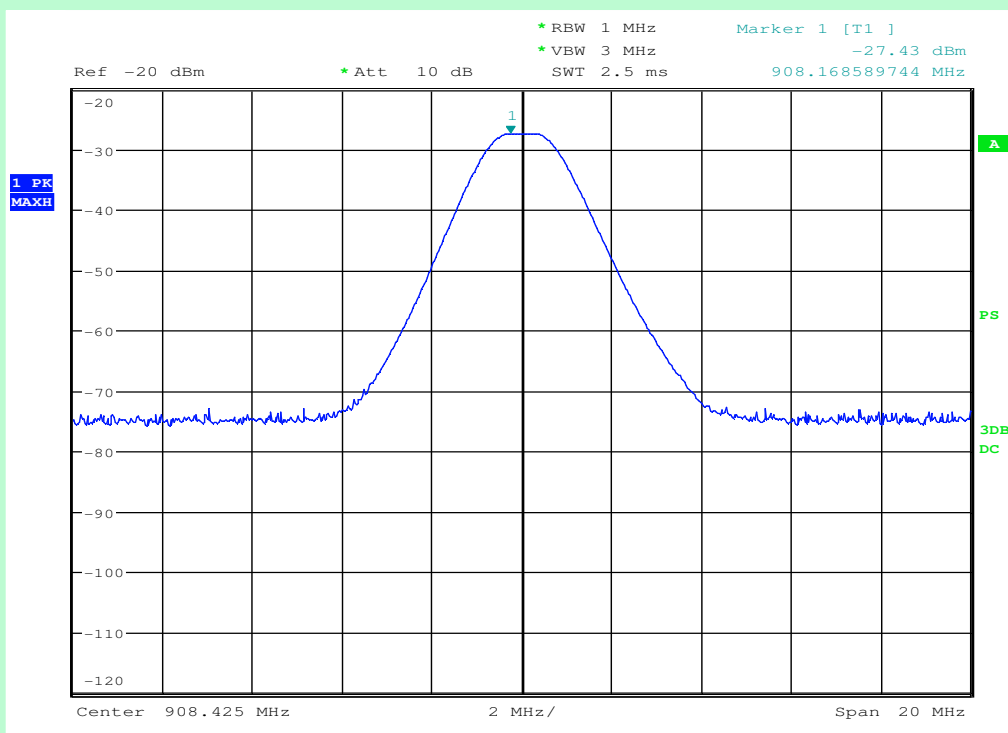
Antenna-1, Channel 1 (902.875 MHz)

Note : Peak Graph - Vertical polarization



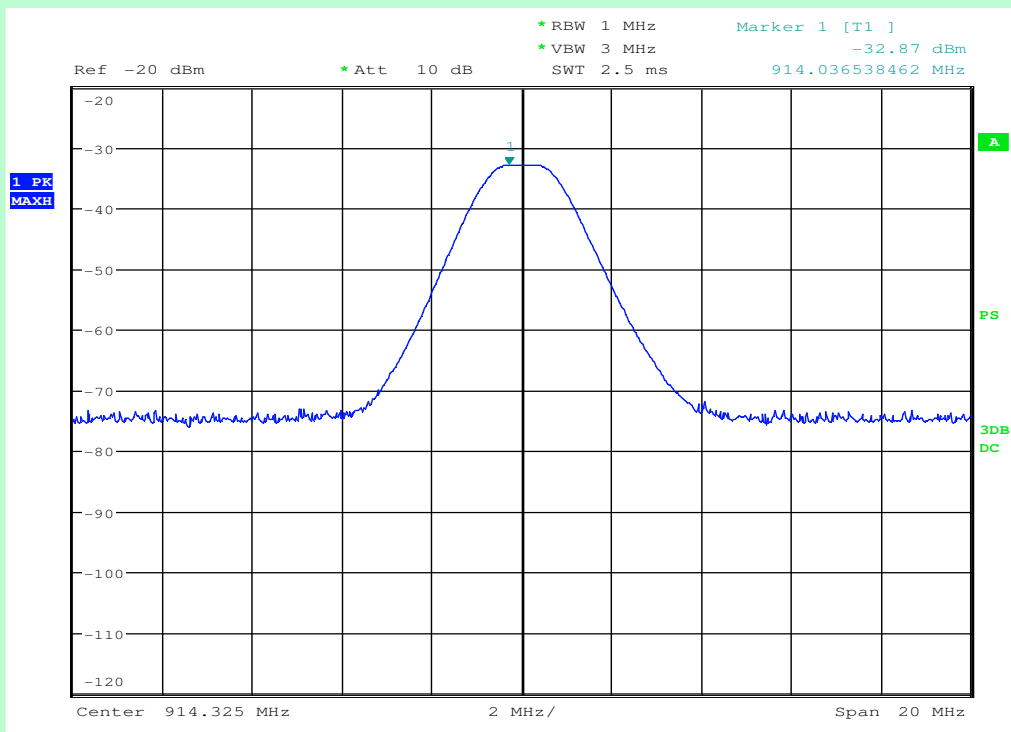
Antenna-1, Channel 2 (908.425 MHz)

Note : Peak Graph - Horizontal polarization

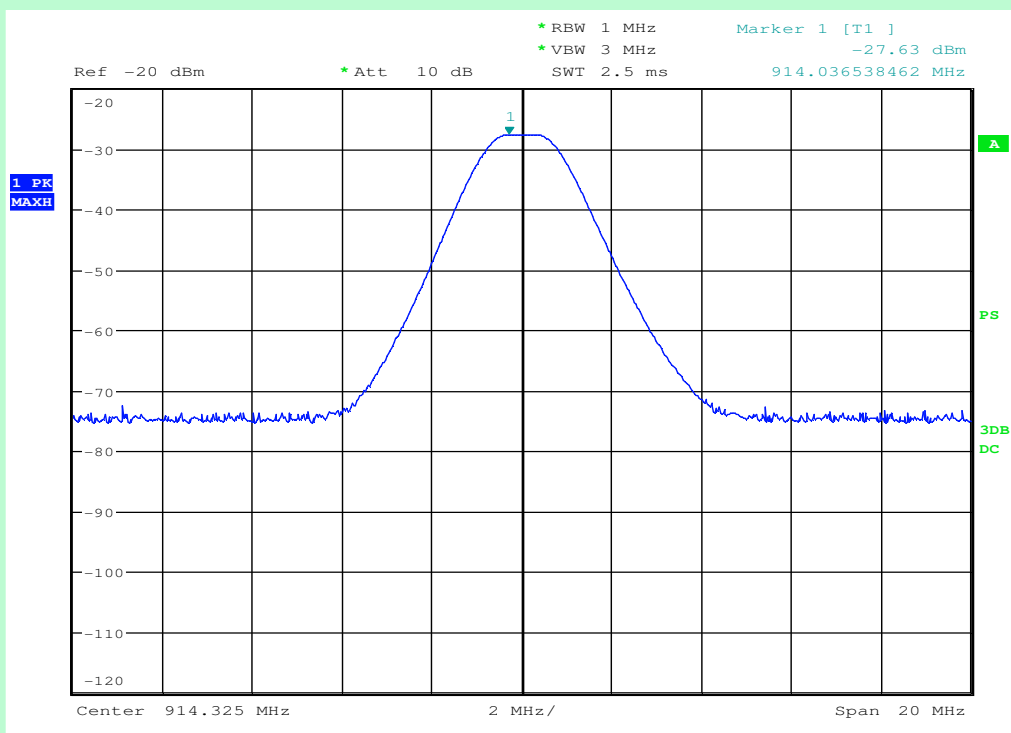


Antenna-1, Channel 2 (908.425 MHz)

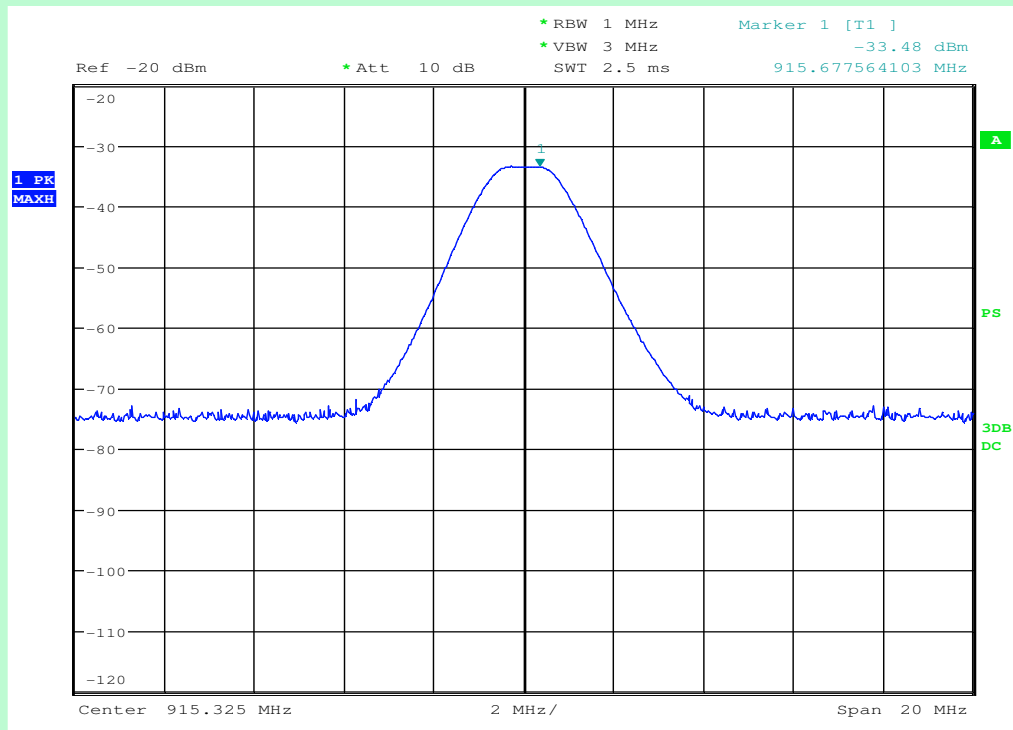
Note : Peak Graph - Vertical polarization

**Antenna-1, Channel 3 (914.325MHz)**

Note : Peak Graph - Horizontal polarization

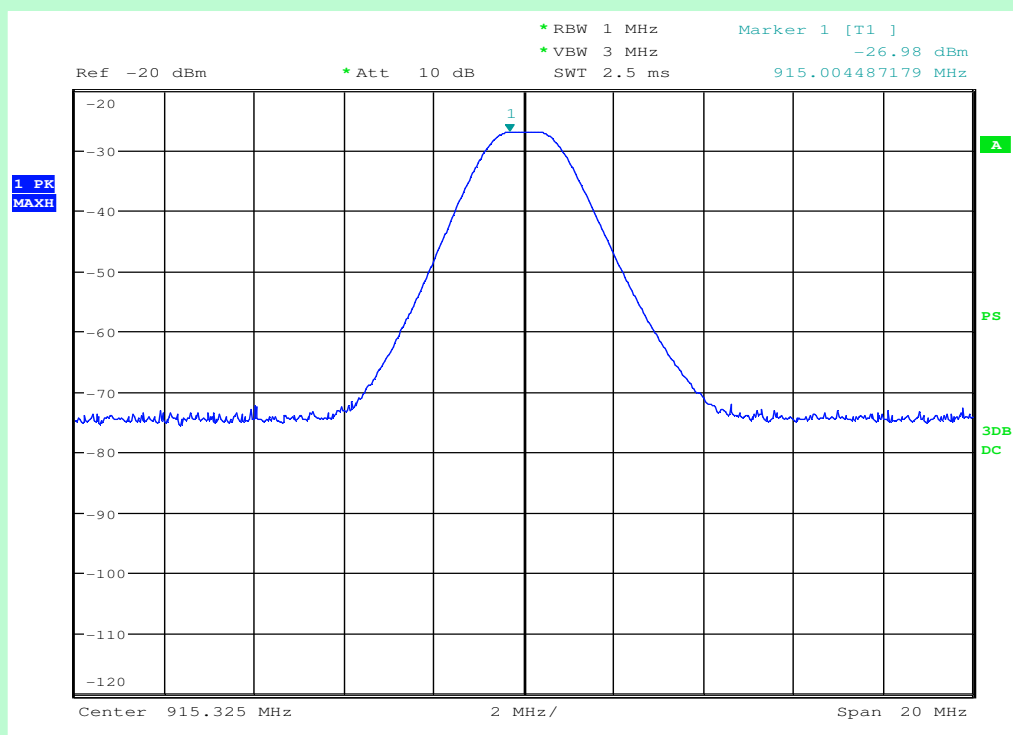
**Antenna-1, Channel 3 (914.325 MHz)**

Note : Peak Graph - Vertical polarization



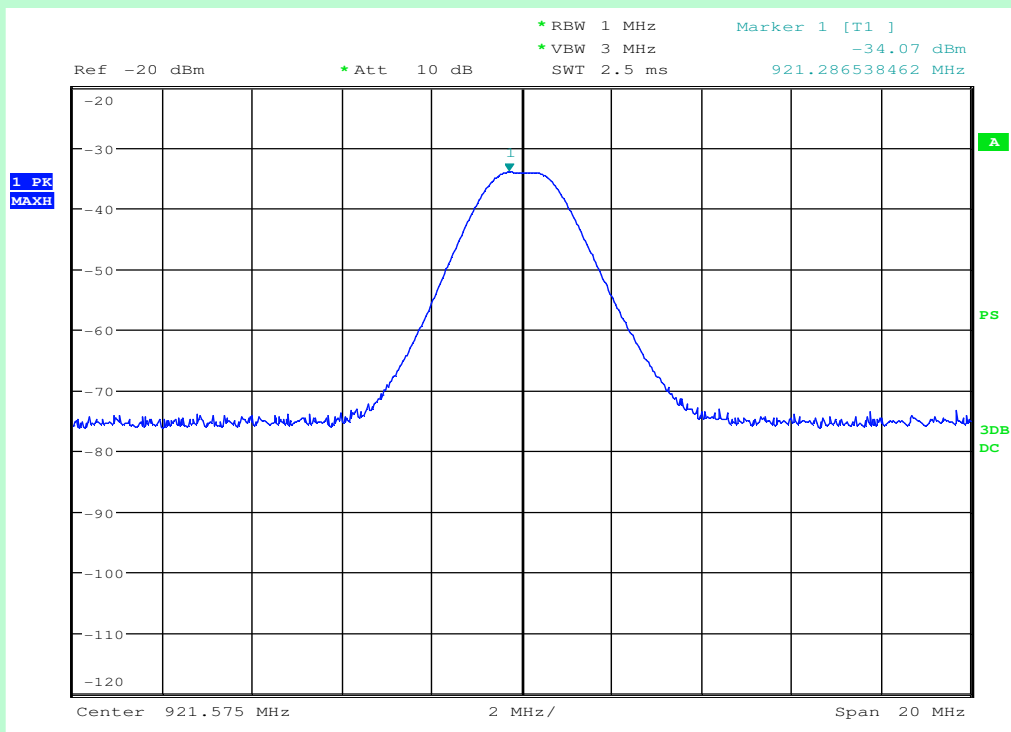
Antenna-1, Channel 4 (915.325 MHz)

Note : Peak Graph - Horizontal polarization



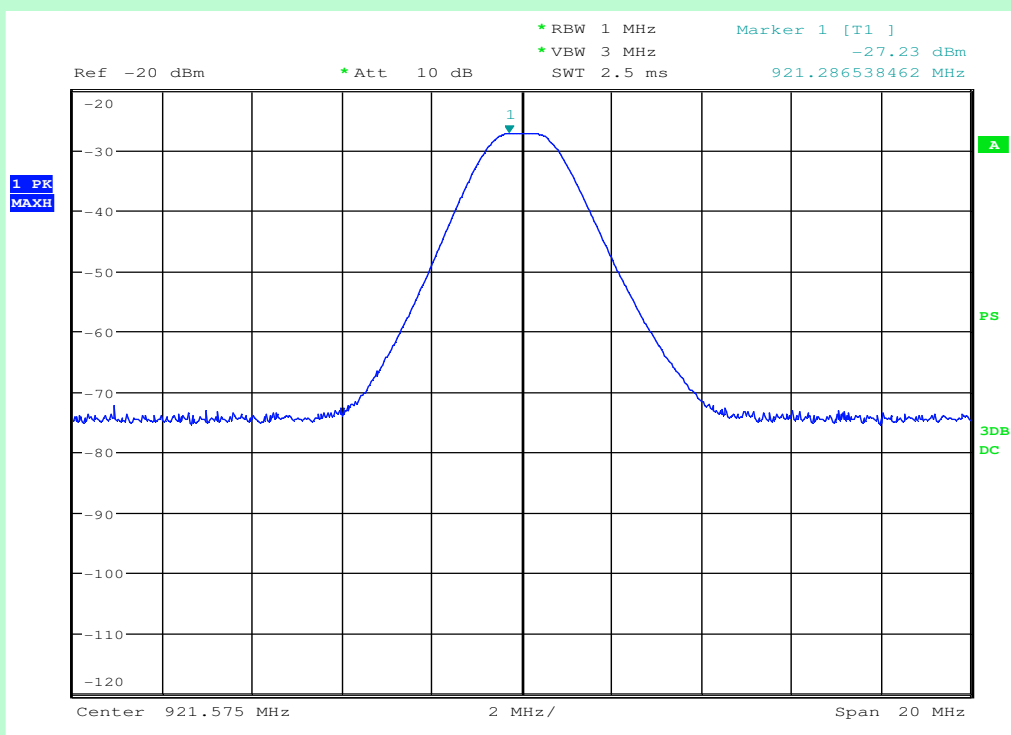
Antenna-1, Channel 4 (915.325 MHz)

Note : Peak Graph - Vertical polarization



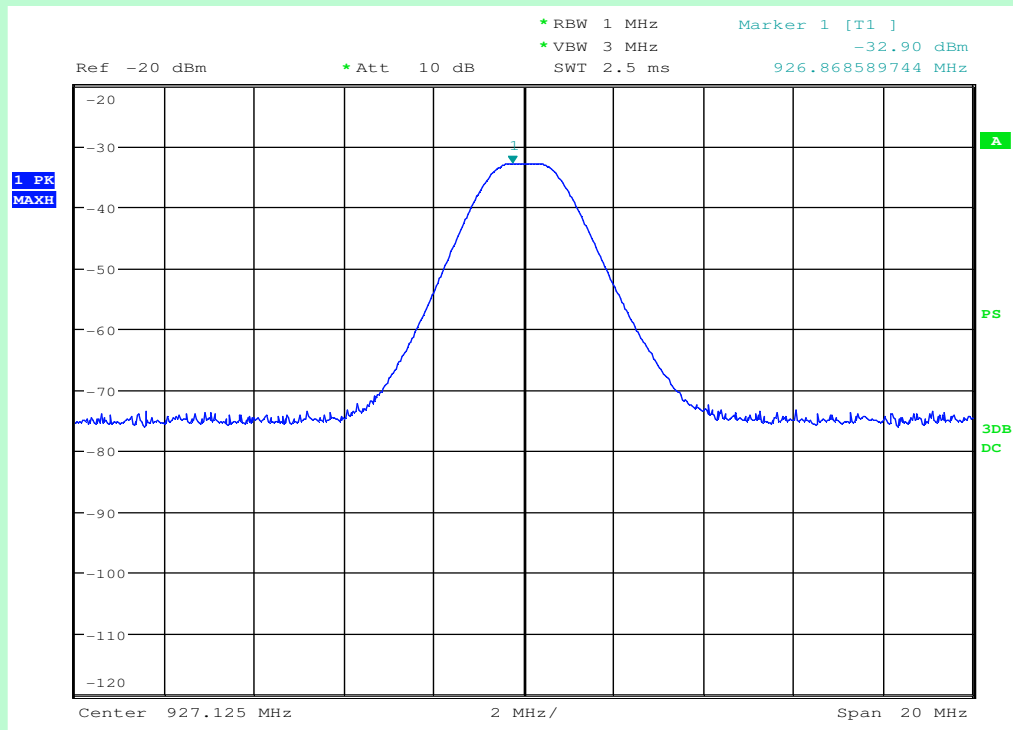
Antenna-1, Channel 5 (921.575 MHz)

Note : Peak Graph - Horizontal polarization



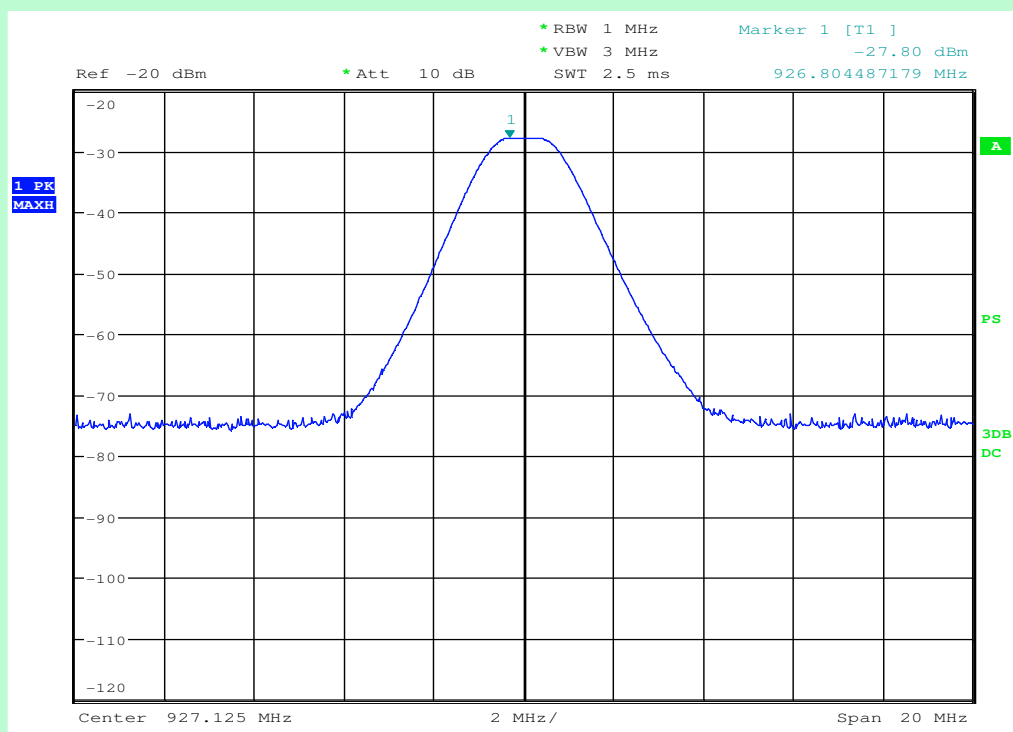
Antenna-1, Channel 5 (921.575 MHz)

Note : Peak Graph - Vertical polarization



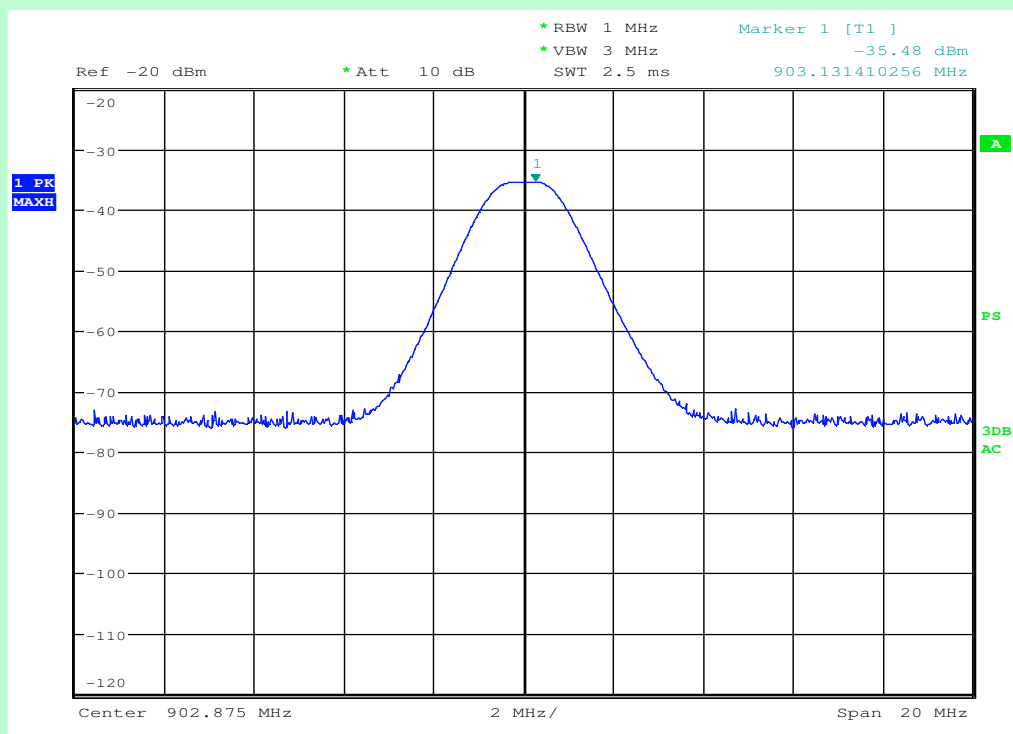
Antenna-1, Channel 6 (927.125 MHz)

Note : Peak Graph - Horizontal polarization



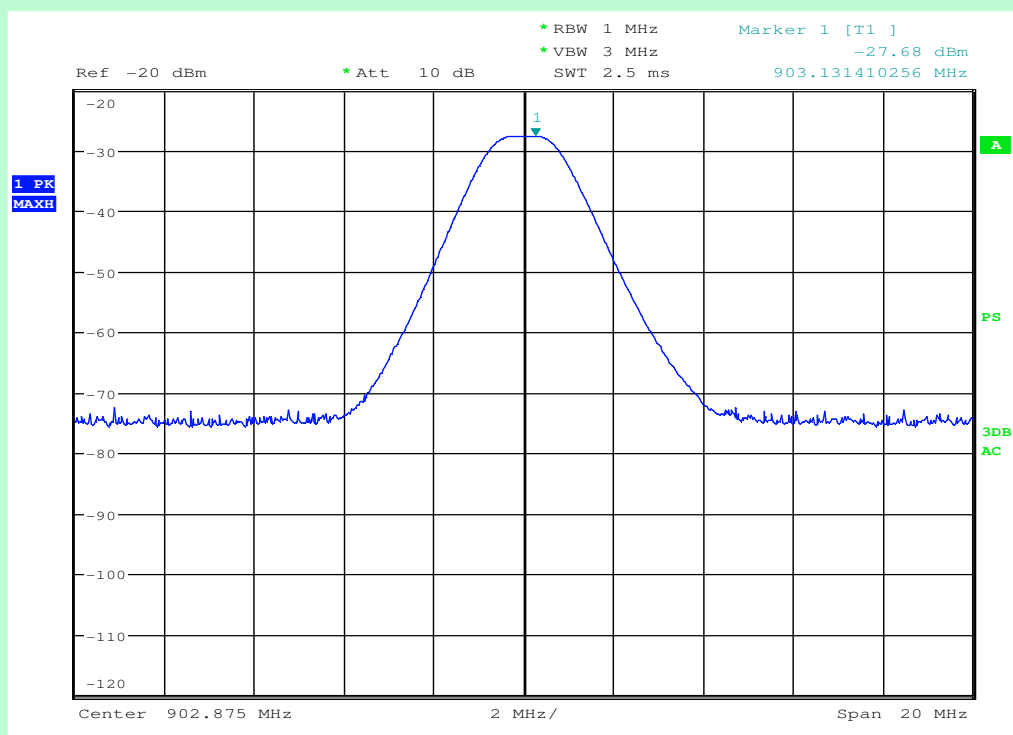
Antenna-1, Channel 6 (927.125 MHz)

Note : Peak Graph - Vertical polarization



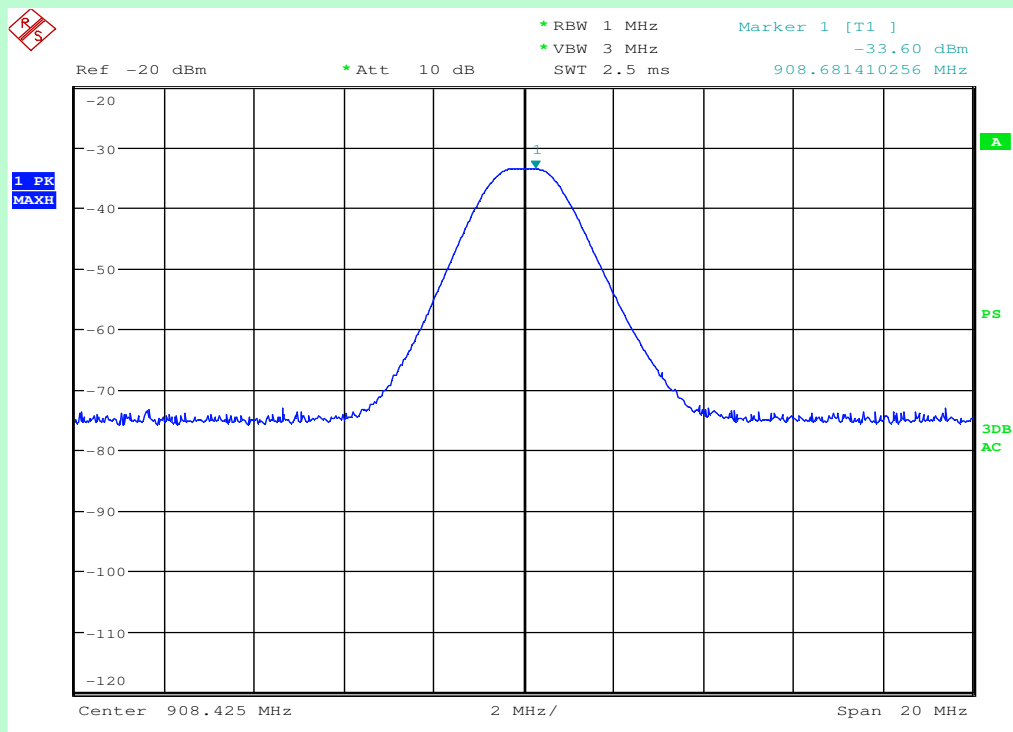
Antenna-2, Channel 1 (902.875 MHz)

Note : Peak Graph - Horizontal polarization



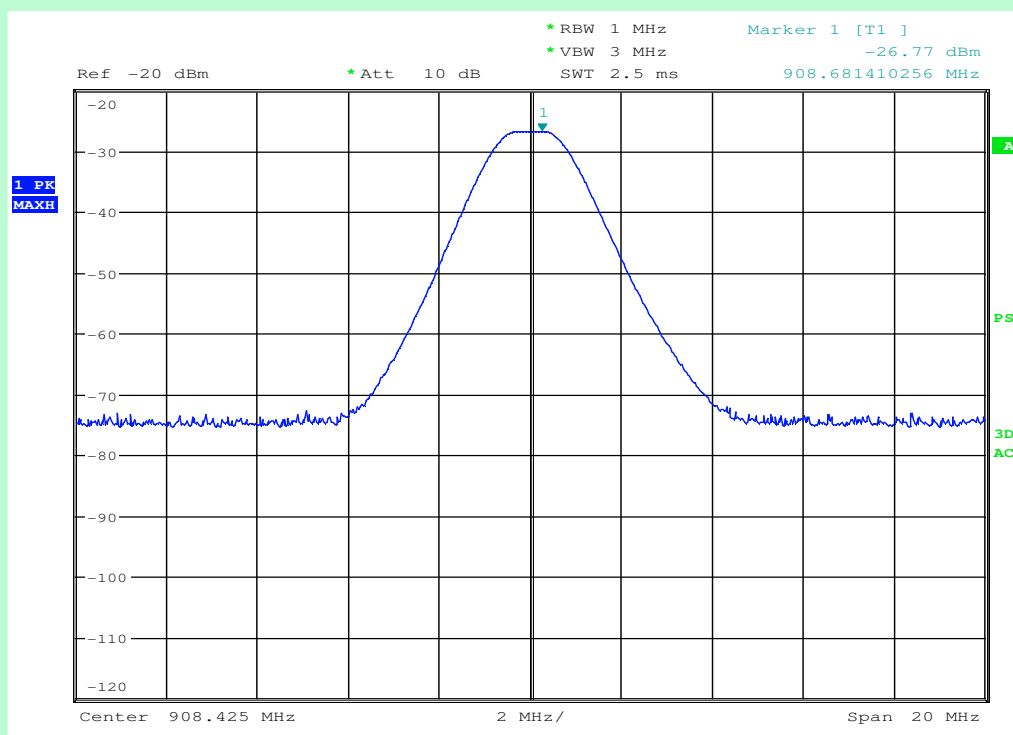
Antenna-2, Channel 1 (902.875 MHz)

Note : Peak Graph - Vertical polarization



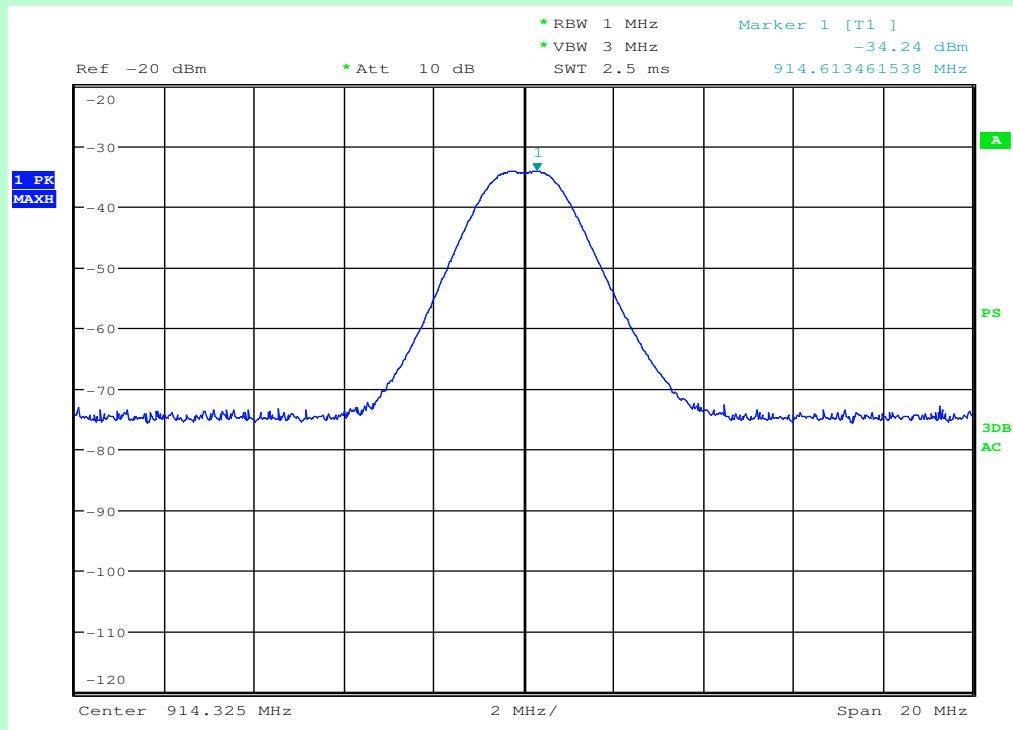
Antenna-2, Channel 2 (908.425 MHz)

Note : Peak Graph - Horizontal polarization



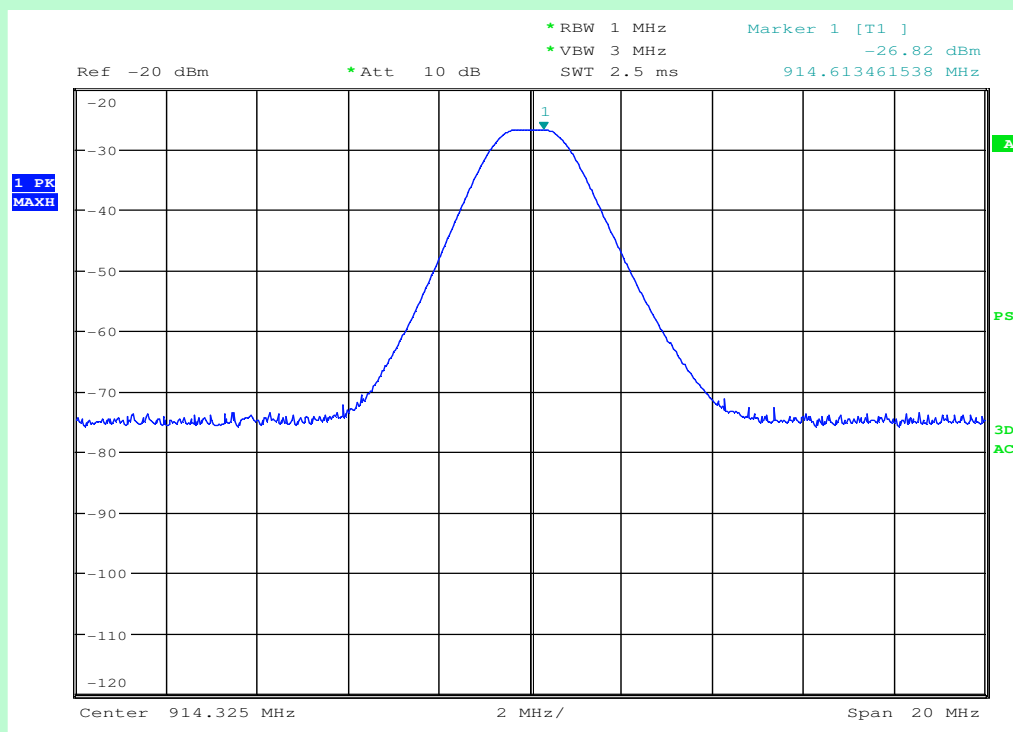
Antenna-2, Channel 2 (908.425 MHz)

Note : Peak Graph - Vertical polarization



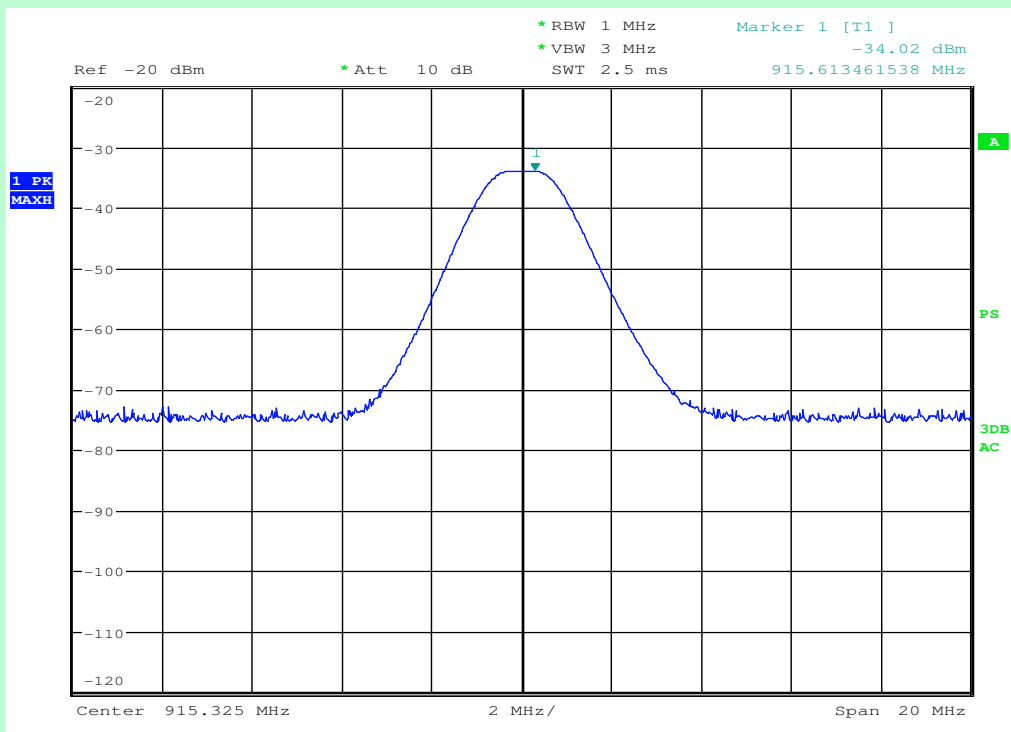
Antenna-2, Channel 3 (914.325 MHz)

Note : Peak Graph - Horizontal polarization

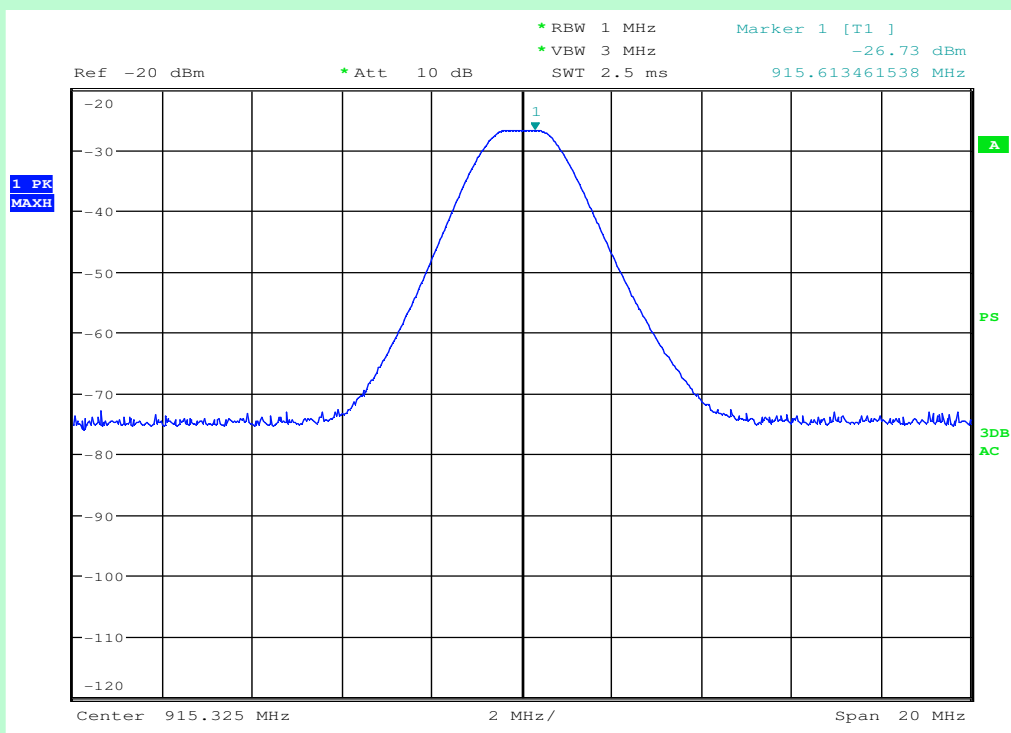


Antenna-2, Channel 3 (914.325 MHz)

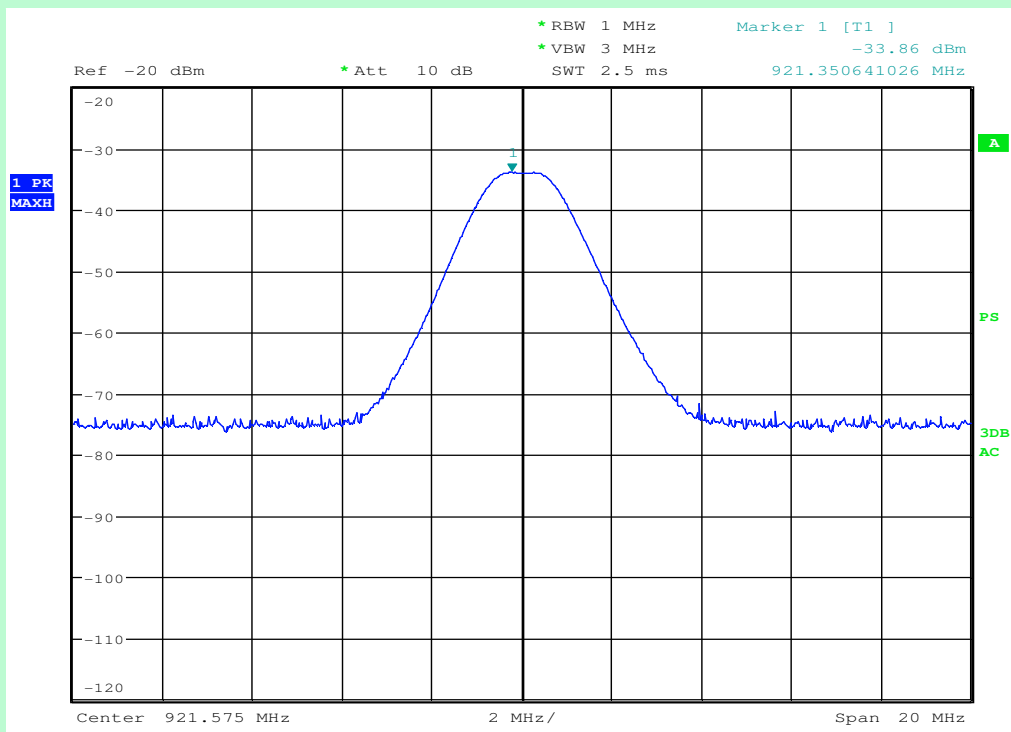
Note : Peak Graph - Vertical polarization

**Antenna-2, Channel 4 (915.325 MHz)**

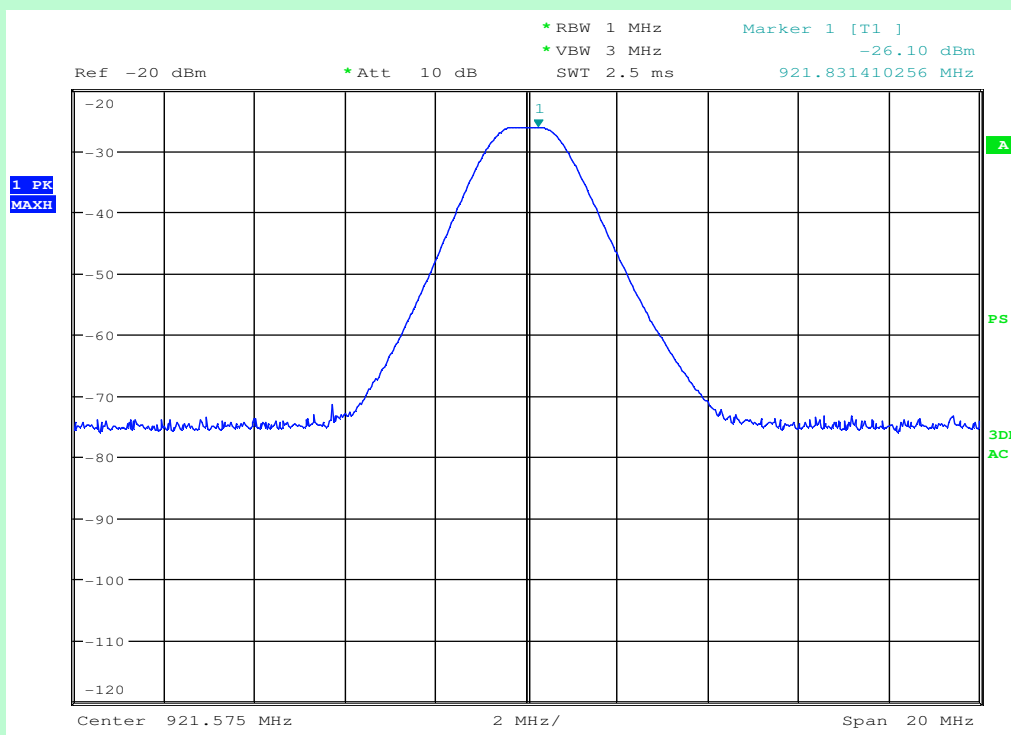
Note : Peak Graph - Horizontal polarization

**Antenna-2, Channel 4 (915.325 MHz)**

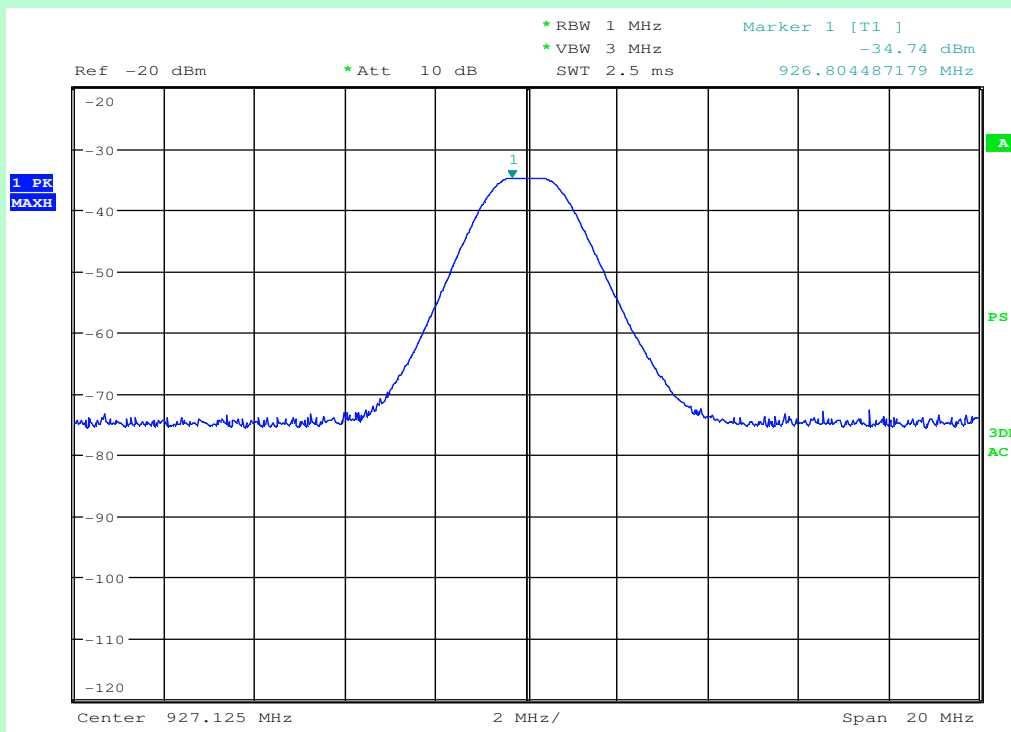
Note : Peak Graph - Vertical polarization

**Antenna-2, Channel 5 (921.575 MHz)**

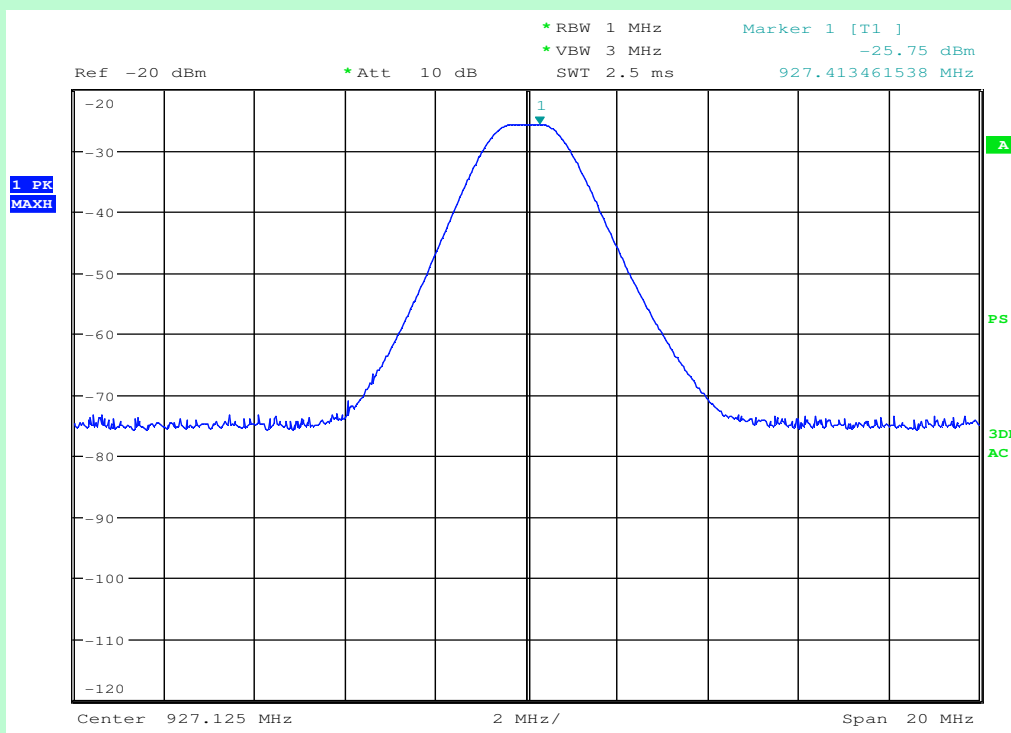
Note : Peak Graph - Horizontal polarization

**Antenna-2, Channel 5 (921.575MHz)**

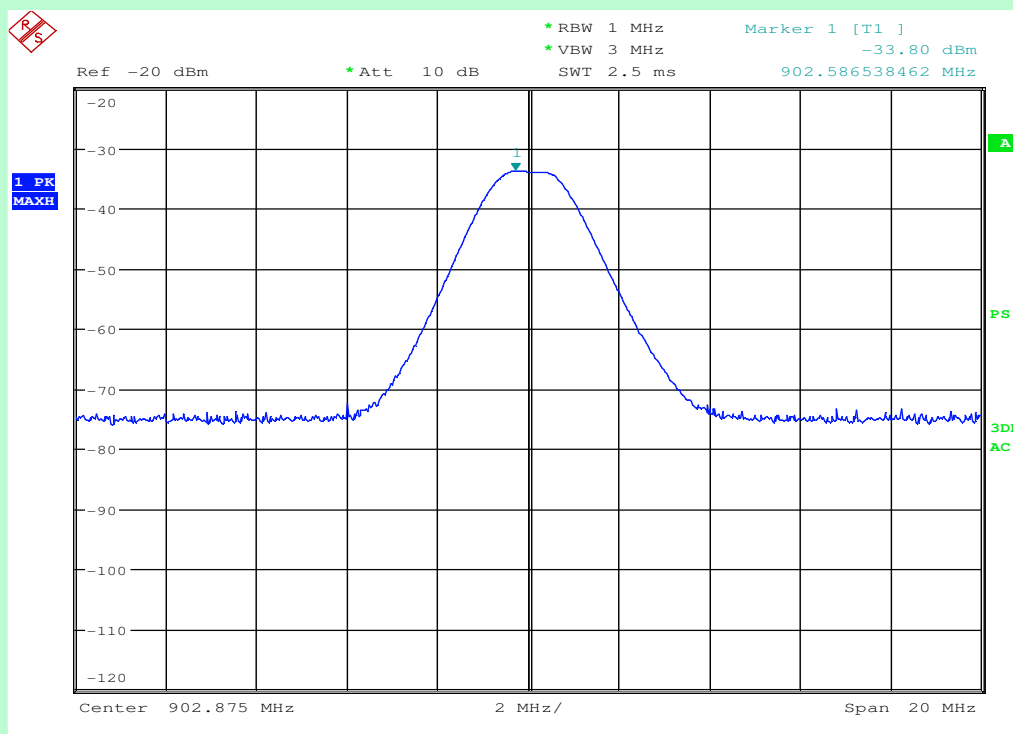
Note : Peak Graph - Vertical polarization

**Antenna-2, Channel 6 (927.125 MHz)**

Note : Peak Graph - Horizontal polarization

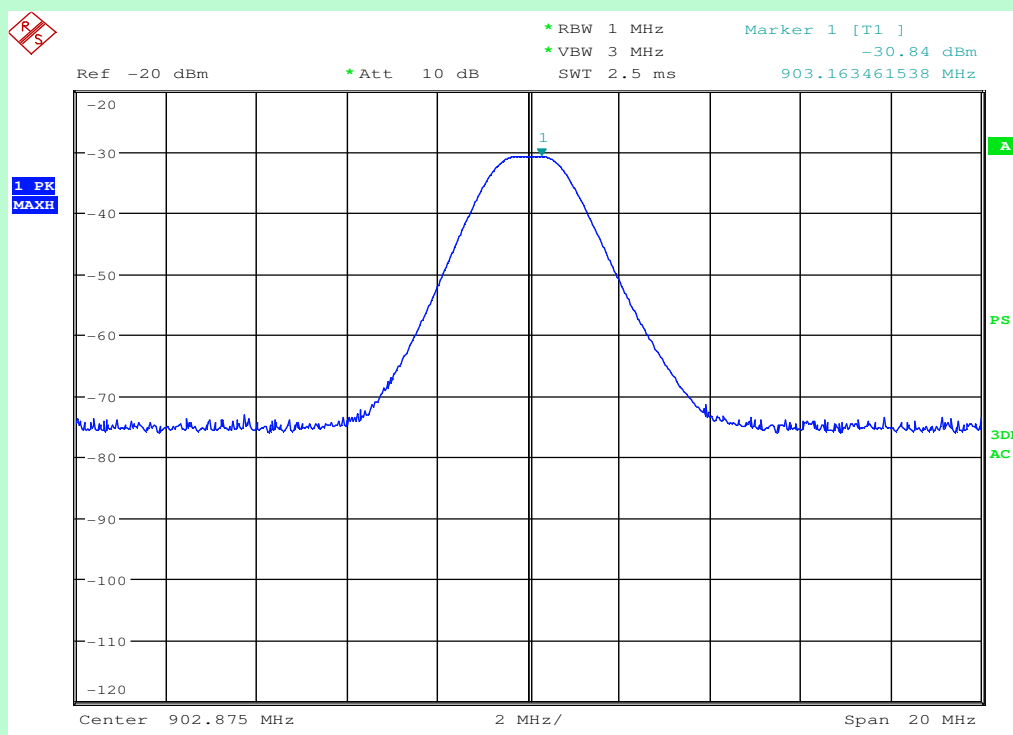
**Antenna-2, Channel 6 (927.125 MHz)**

Note : Peak Graph - Vertical polarization



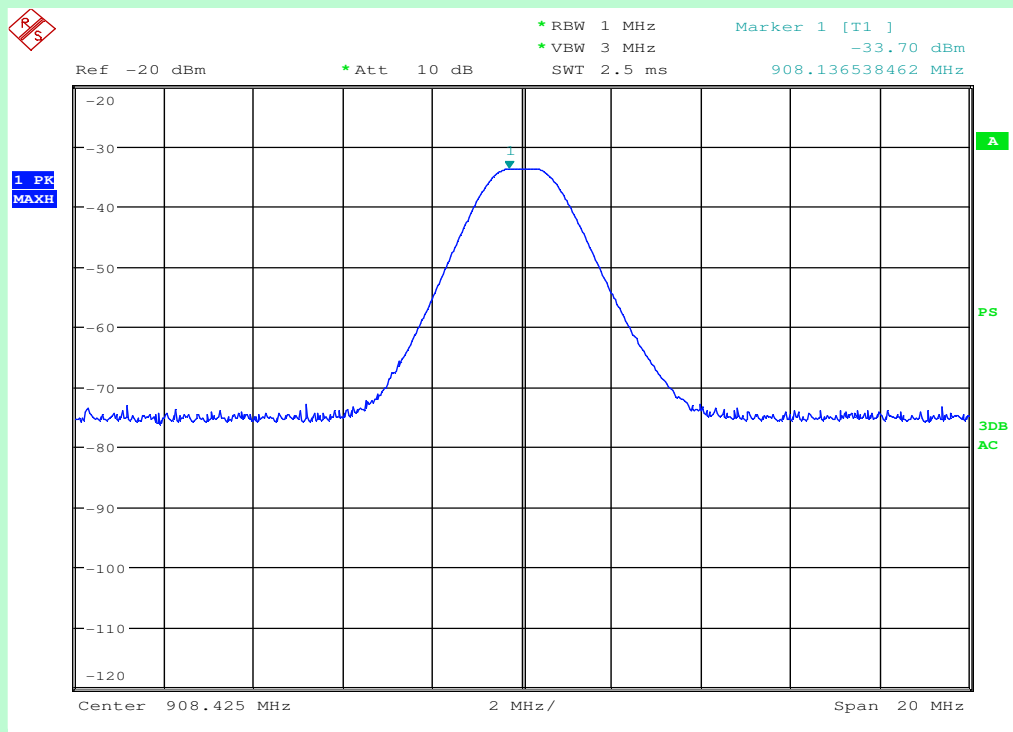
Antenna-3, Channel 1 (902.875 MHz)

Note : Peak Graph - Horizontal polarization



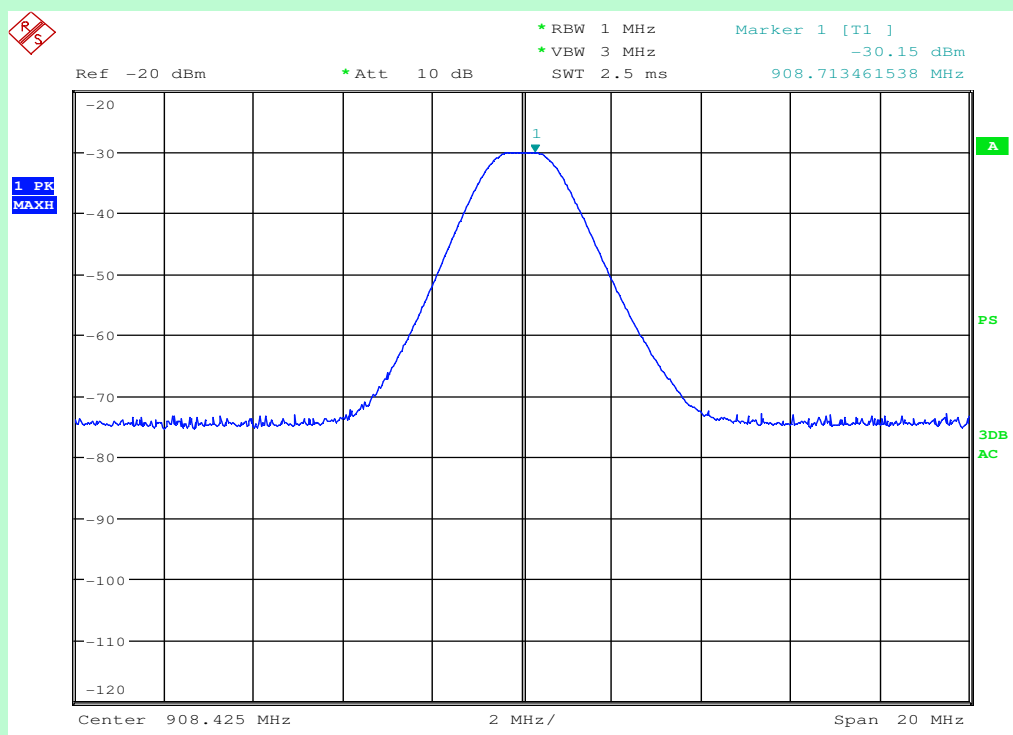
Antenna-3, Channel 1 (902.875 MHz)

Note : Peak Graph - Vertical polarization



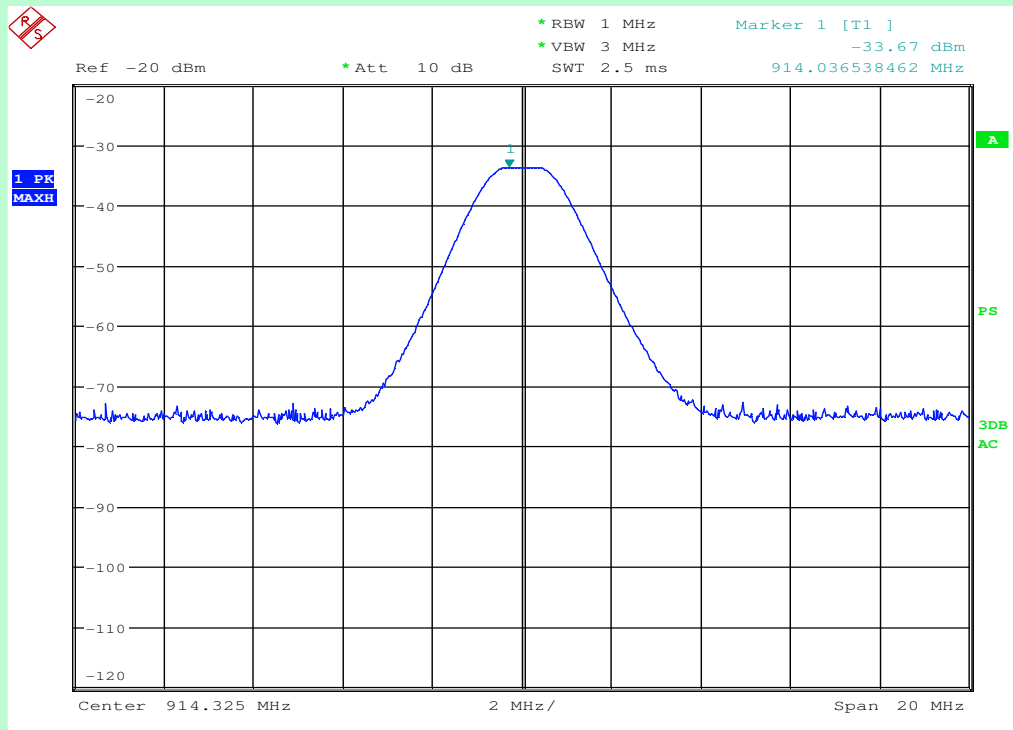
Antenna-3, Channel 2 (908.425 MHz)

Note : Peak Graph - Horizontal polarization



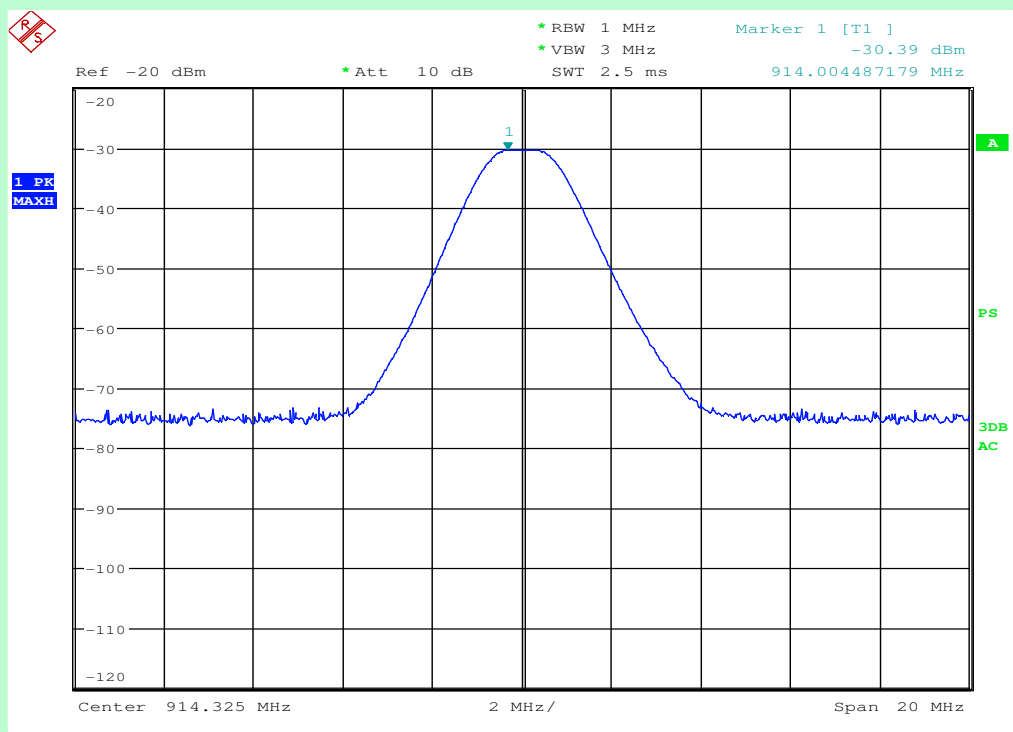
Antenna-3, Channel 2 (908.425 MHz)

Note : Peak Graph - Vertical polarization



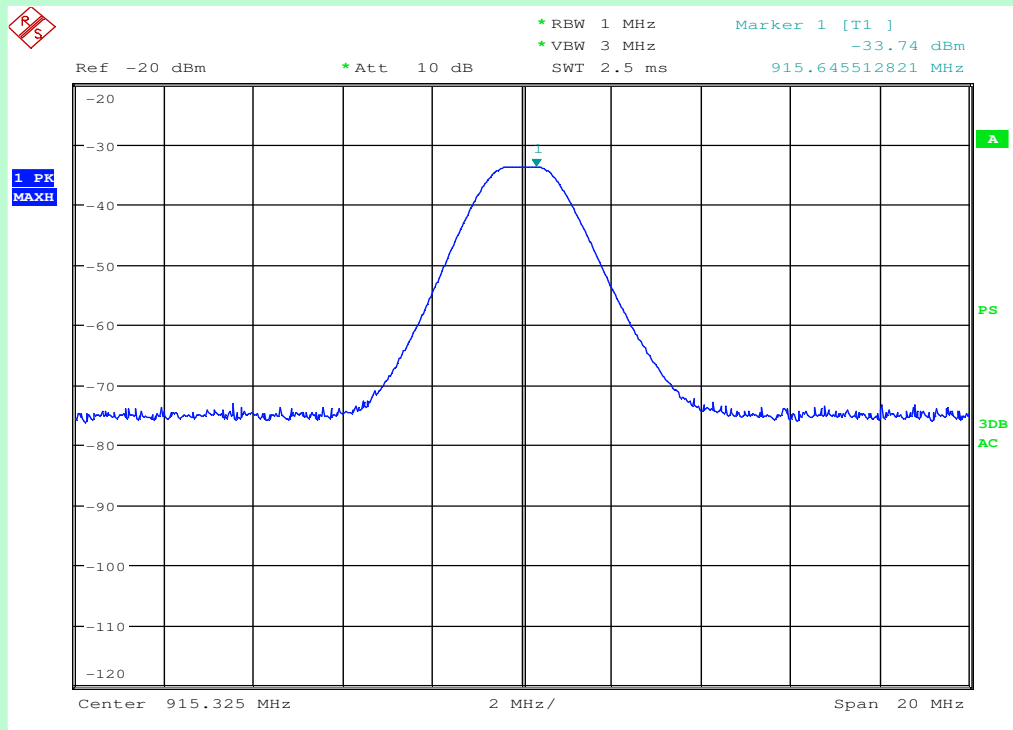
Antenna-3, Channel 3 (914.325 MHz)

Note : Peak Graph - Horizontal polarization

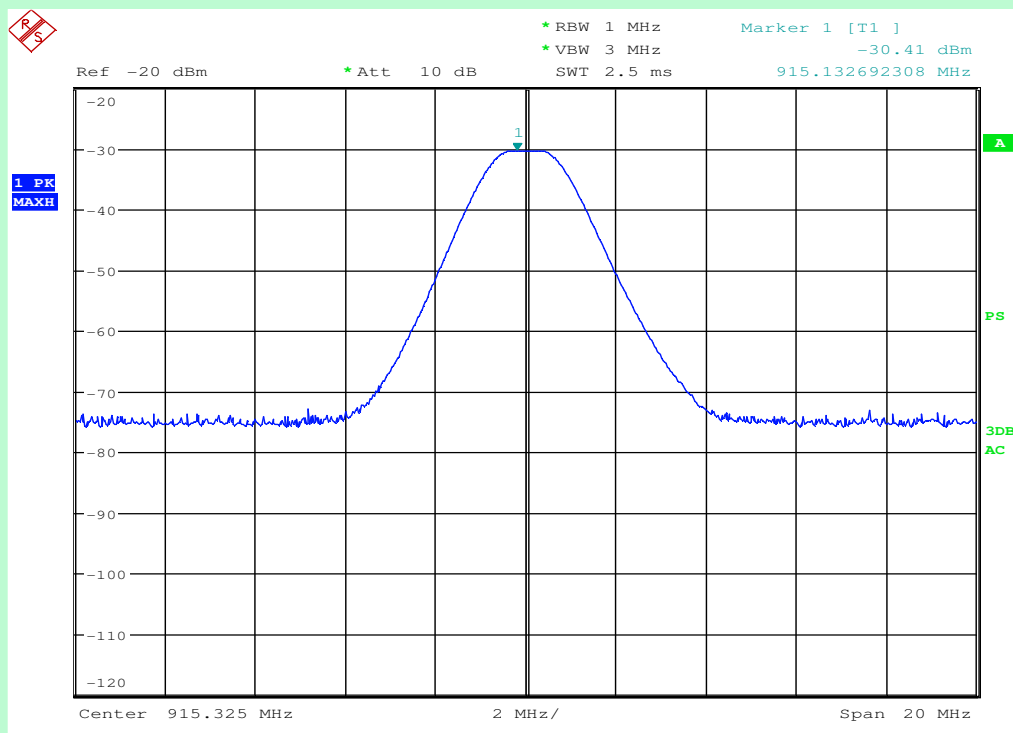


Antenna-3, Channel 3 (914.325MHz)

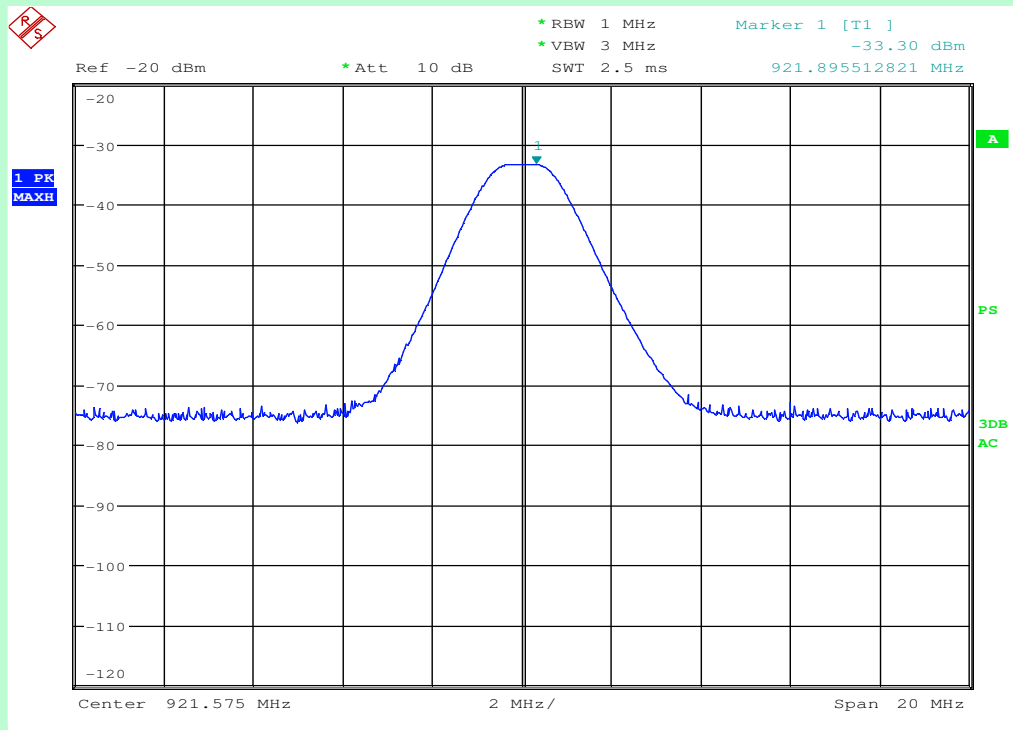
Note : Peak Graph - Vertical polarization



Note : Peak Graph - Horizontal polarization

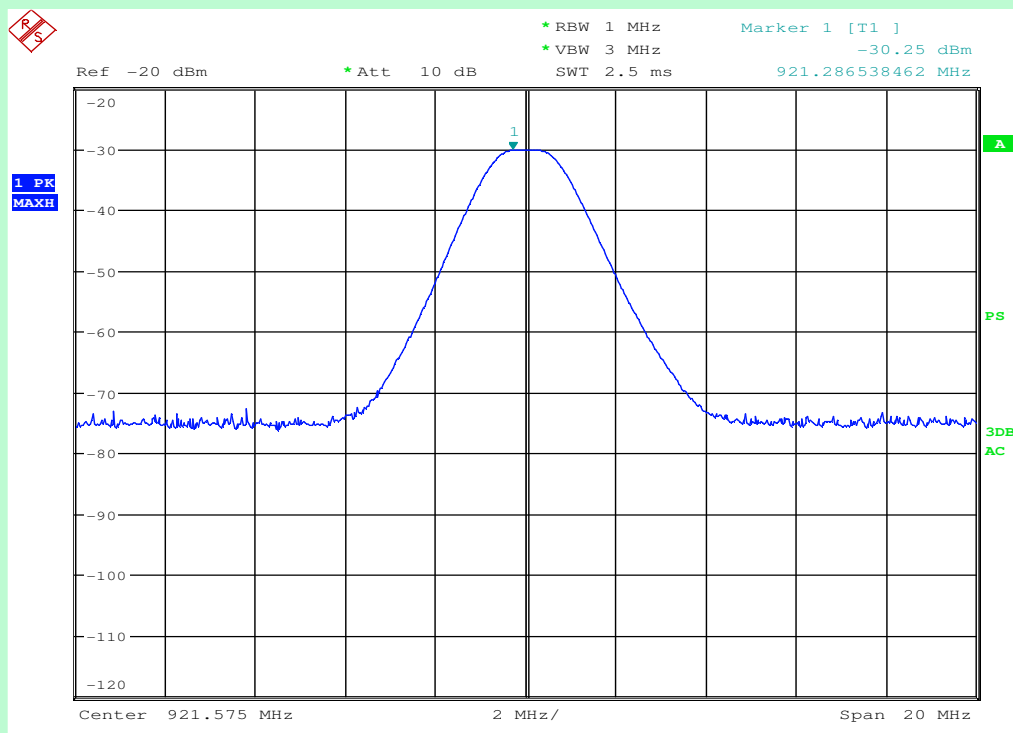


Note : Peak Graph - Vertical polarization



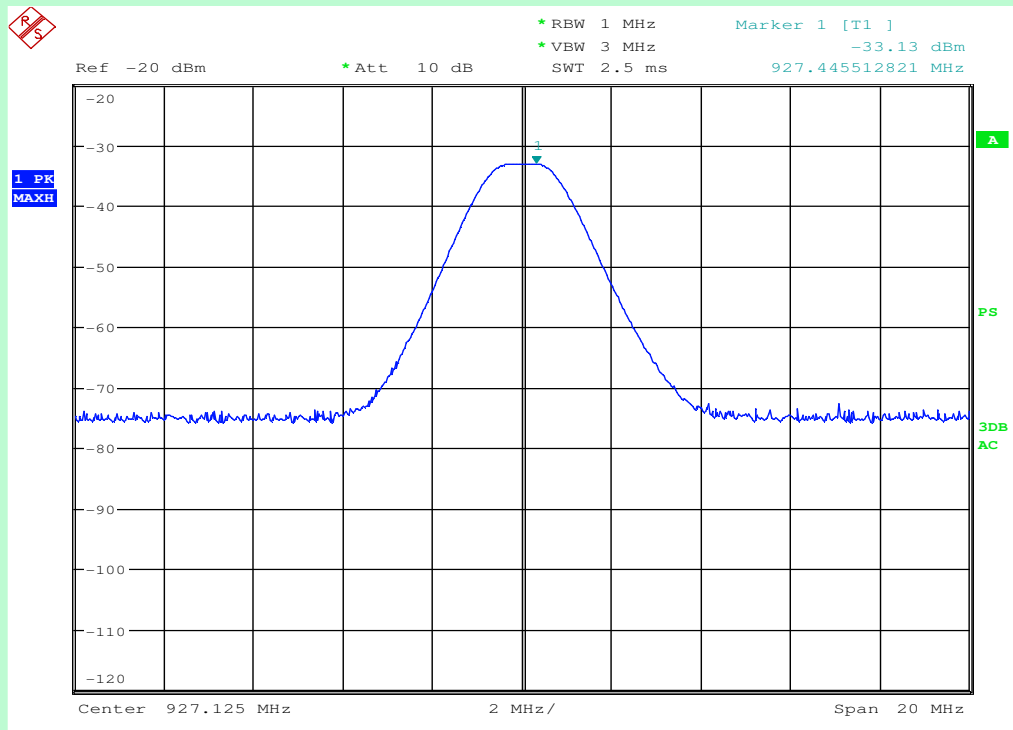
Antenna-3, Channel 5 (921.575 MHz)

Note : Peak Graph - Horizontal polarization



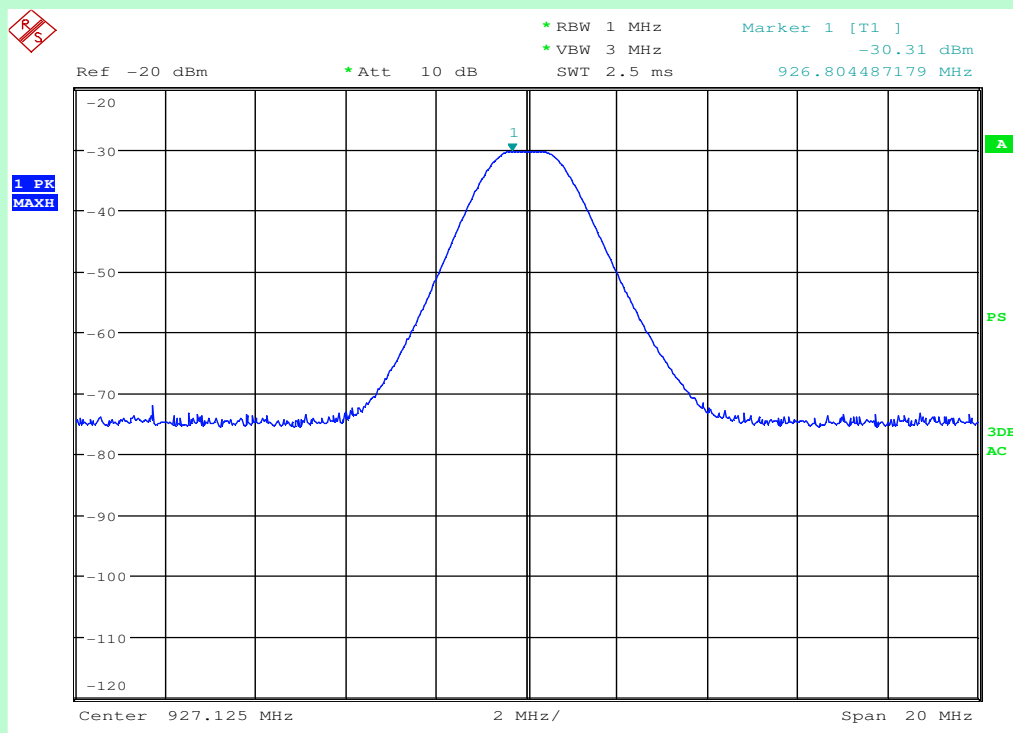
Antenna-3, Channel 5 (921.575 MHz)

Note : Peak Graph - Vertical polarization



Antenna-3, Channel 6 (927.125 MHz)

Note : Peak Graph - Horizontal polarization



Antenna-3, Channel 6 (927.125 MHz)

Note : Peak Graph - Vertical polarization

TEST RESULT – EIRP

Channel	Freq	Rx Ant Height	Rx Ant Pol	Azimuth	Measured Level	Cable Loss	Ext Att	Path loss @ 3m	Rx Ant Gain	Calculated Rx Power Level	Calculated EIRP
#	MHz	cm	H/V	deg	dBm	dB	dB	dB	dB	dBm	dBm
Antenna - 1											
CH-1	902.875	100	H	210	-33.48	2.4	6	41.21	6.3	-31.38	9.83
CH-1	902.875	100	V	278	-27.74	2.4	6	41.21	6.3	-25.64	15.57
CH-2	908.425	100	H	220	-32.91	2.4	6	41.21	6.3	-30.81	10.40
CH-2	908.425	100	V	300	-27.43	2.4	6	41.21	6.3	-25.33	15.88
CH-3	914.325	100	H	210	-32.87	2.4	6	41.21	6.3	-30.77	10.44
CH-3	914.325	100	V	300	-27.63	2.4	6	41.21	6.3	-25.53	15.68
CH-4	915.325	100	H	210	-33.48	2.4	6	41.21	6.3	-31.38	9.83
CH-4	915.325	110	V	270	-26.98	2.4	6	41.21	6.3	-24.88	16.33
CH-5	921.575	100	H	210	-34.07	2.4	6	41.21	6.3	-31.97	9.24
CH-5	921.575	110	V	270	-27.23	2.4	6	41.21	6.3	-25.13	16.08
CH-6	927.125	100	H	210	-32.9	2.4	6	41.21	6.3	-30.80	10.41
CH-6	927.125	100	V	270	-27.8	2.4	6	41.21	6.3	-25.70	15.51
Antenna - 2											
CH-1	902.875	100	H	210	-35.48	2.4	6	41.21	6.3	-33.38	7.83
CH-1	902.875	100	V	288	-27.68	2.4	6	41.21	6.3	-25.58	15.63
CH-2	908.425	100	H	210	-33.6	2.4	6	41.21	6.3	-31.50	9.71
CH-2	908.425	100	V	300	-26.77	2.4	6	41.21	6.3	-24.67	16.54
CH-3	914.325	100	H	210	-34.24	2.4	6	41.21	6.3	-32.14	9.07
CH-3	914.325	100	V	300	-26.82	2.4	6	41.21	6.3	-24.72	16.49
CH-4	915.325	100	H	210	-34.02	2.4	6	41.21	6.3	-31.92	9.29
CH-4	915.325	100	V	300	-26.73	2.4	6	41.21	6.3	-24.63	16.58
CH-5	921.575	100	H	210	-33.86	2.4	6	41.21	6.3	-31.76	9.45
CH-5	921.575	100	V	290	-26.1	2.4	6	41.21	6.3	-24.00	17.21
CH-6	927.125	100	H	200	-34.74	2.4	6	41.21	6.3	-32.64	8.57
CH-6	927.125	100	V	280	-25.75	2.4	6	41.21	6.3	-23.65	17.56
Antenna - 3											
CH-1	902.875	100	H	200	-33.8	2.4	6	41.21	6.3	-31.70	9.51
CH-1	902.875	100	V	300	-30.84	2.4	6	41.21	6.3	-28.74	12.47
CH-2	908.425	100	H	210	-33.7	2.4	6	41.21	6.3	-31.60	9.61
CH-2	908.425	100	V	300	-30.15	2.4	6	41.21	6.3	-28.05	13.16
CH-3	914.325	100	H	210	-33.67	2.4	6	41.21	6.3	-31.57	9.64
CH-3	914.325	100	V	290	-30.39	2.4	6	41.21	6.3	-28.29	12.92
CH-4	915.325	100	H	220	-33.74	2.4	6	41.21	6.3	-31.64	9.57
CH-4	915.325	100	V	300	-30.41	2.4	6	41.21	6.3	-28.31	12.90
CH-5	921.575	100	H	220	-33.3	2.4	6	41.21	6.3	-31.20	10.01
CH-5	921.575	100	V	290	-30.25	2.4	6	41.21	6.3	-28.15	13.06
CH-6	927.125	100	H	200	-33.13	2.4	6	41.21	6.3	-31.03	10.18
CH-6	927.125	100	V	290	-30.31	2.4	6	41.21	6.3	-28.21	13.00

Note : Effective Isotropic Radiated Power (dBm)= Pr(dBm) +Lp(dB)

$$Pr = P_{meas}(dBm) - Gr(dBi) + Lc(dB) + Latt(dB)$$

$$Lp = 20 \log F + 20 \log D - 27.5$$

Where:

Pr = Calculated Received Power Level(dBm)

Lp= Free Space Path Loss(dB)

Pmeas= Measured Power Level(dBm)

Gr = Receiver Antenna Gain(dBi)

Lc = Cable Loss (dB)

Latt= External Attenuator(dB)

F = Frequency (MHz)

D= Distance (m)

TEST SETUP PHOTOGRAPH

Refer Annexure -1

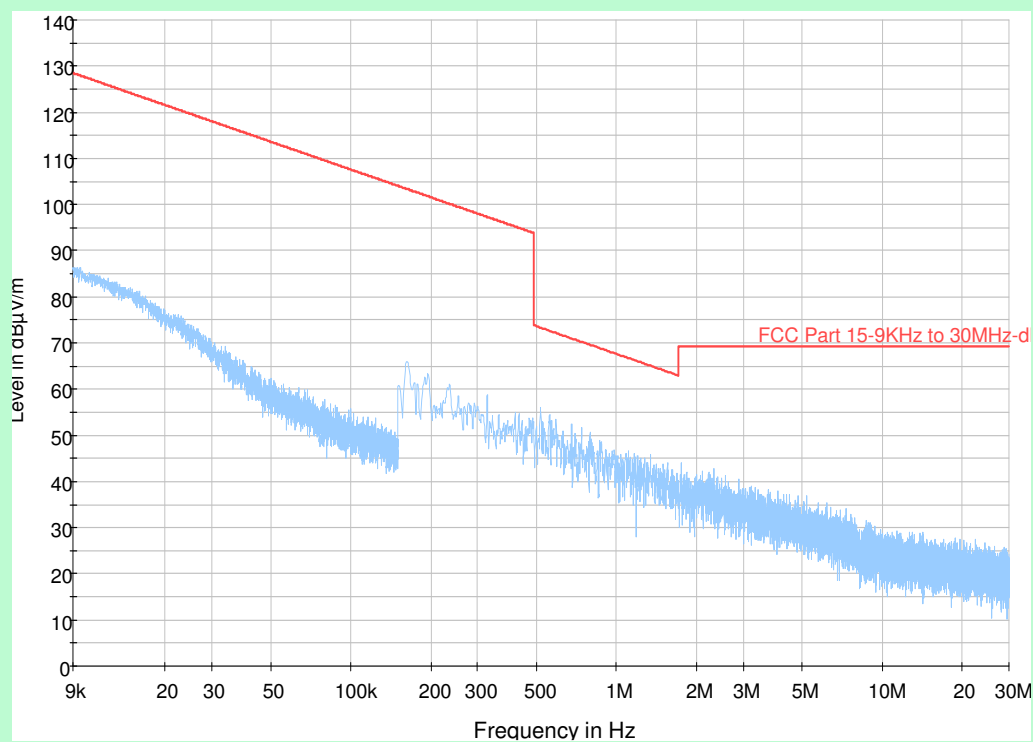
Radiated RF Test setup

3.6 SPURIOUS RADIATED EMISSIONS

EUT Nomenclature	Wireless Pull Station	Test Report No.	EMC0208-1
Model No.	NBG-12WL	Serial No.	PS2-06
Test Start Date	05-May-2017	Temperature (°C)	23.5±2
Test End Date	23-May-2017	Humidity RH (%)	54.5 ± 2
Tested By	Magesh. S	Pressure (mbar)	NA
Input Voltage / Freq	3.3Vdc		
Operating Mode	Refer Page 5 Operating Modes Table		
Test configuration	Refer Page 5 Test Configuration Table		
Deviation from Std	NA		
Comment	Nil		
TEST FREQUENCY RANGE			
Start Frequency	9KHz	Stop Frequency	10GHz
MAXIMUM OPERATING FREQUENCY			
902MHz to 928MHz			
TEST PARAMETERS			
Antenna Height	1m to 4m	Turntable Rotation	0° to 360°
Applicable standard	FCC Part 15.209	Test Method	KDB 558074
Equipment Class	NA	Measurement Distance	3m

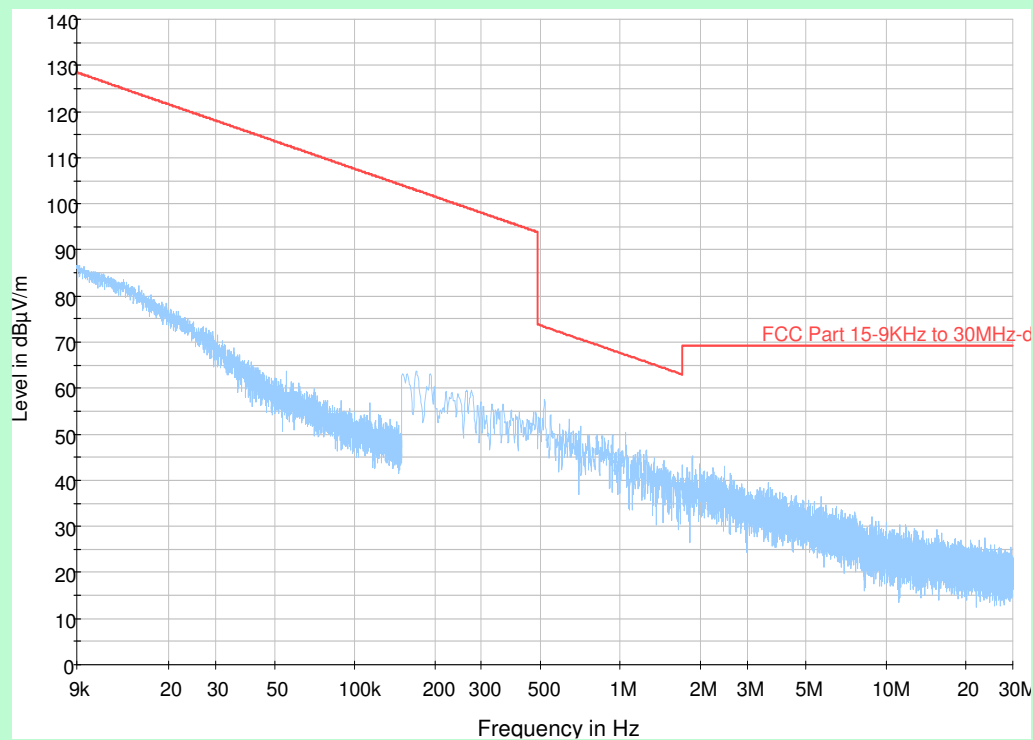
TEST EQUIPMENT					
Y/N	Equipment	Make	Model	Sl. No.	Cal Due Date
Y	EMI Test Receiver	R&S	ESU26	100525	06-July-2017
Y	3m Semi Anechoic Chamber	ETS Lindgren	DKE 6X7 DBL.DR	1625	26-July-2018
Y	Active Loop Antenna	ETS Lindgren	6507	000103694	02-Jun-2017*
Y	Bilog Antenna	ETS Lindgren	HLP3003C	130525	14-Nov-2017
Y	Double Ridge Guide Horn Antenna	ETS Lindgren	3117	00119022	08-Jun-2017*
Y	RF cable (9KHz to 1GHz)	ENS Microwave	MNS-MNS	11202012	22-Feb-2018
Y	RF cable (9KHz to 1GHz)	AH System	SAC-18G-06	RE-03	22-Feb-2018
Y	RF cable (1GHz to 18GHz)	Huber + Suhner	Sucoflex 104	MY13472/4	24-Feb-2018
Y	Signal Conditioning unit	R&S	SCU-18	10178	02-May-2018
Y	EMC32 Software	R&S	8.30.0	820-OT101248	NA
Note: Switch ON /OFF the Internal Preamplifier based on carrier level and or noise floor without overloading the receiver					
* Tests were completed before the due date.					

TEST GRAPHS – 9KHz to 30MHz



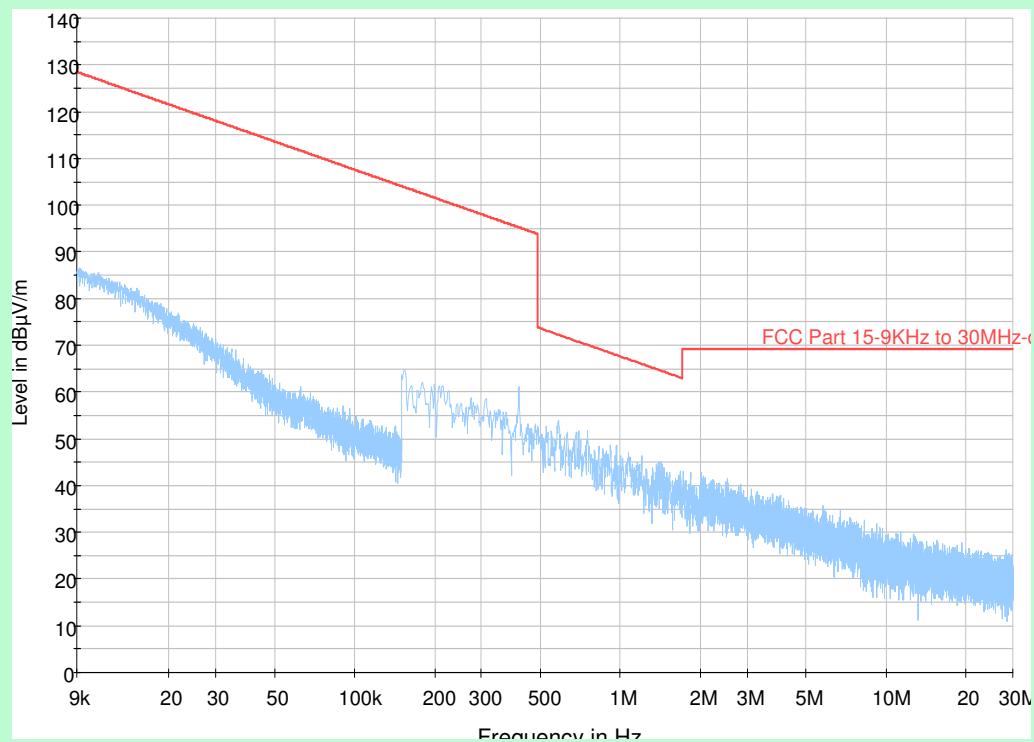
Antenna-1, Channel 1 (902.875 MHz)

Note : Peak Graph - Parallel

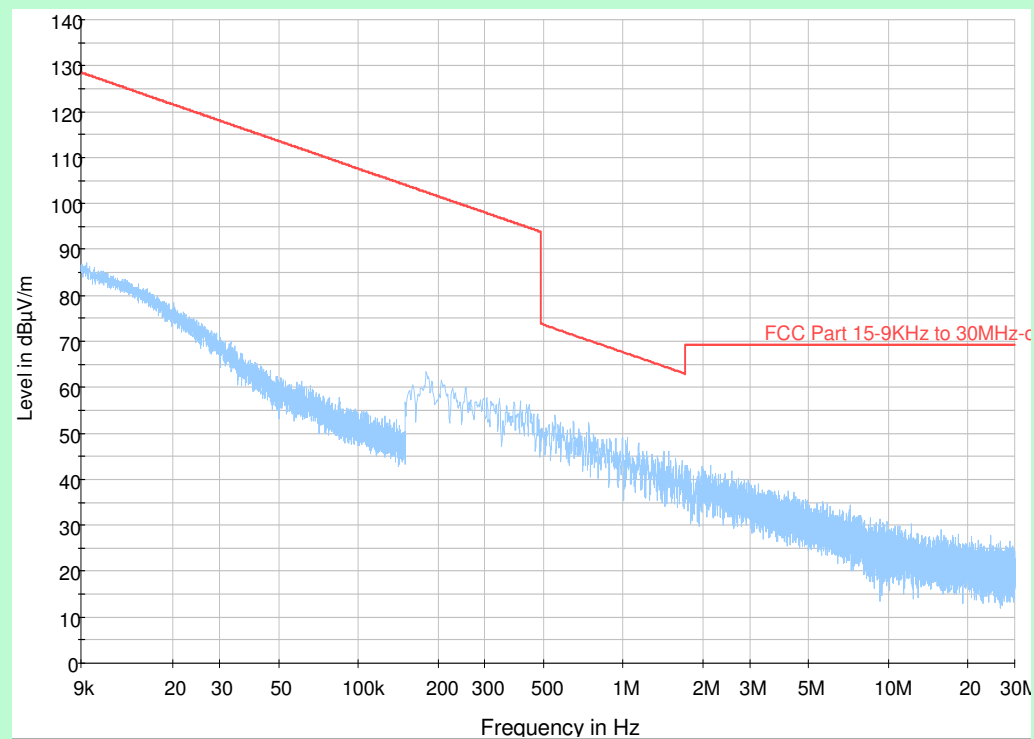


Antenna-1, Channel 1 (902.875 MHz)

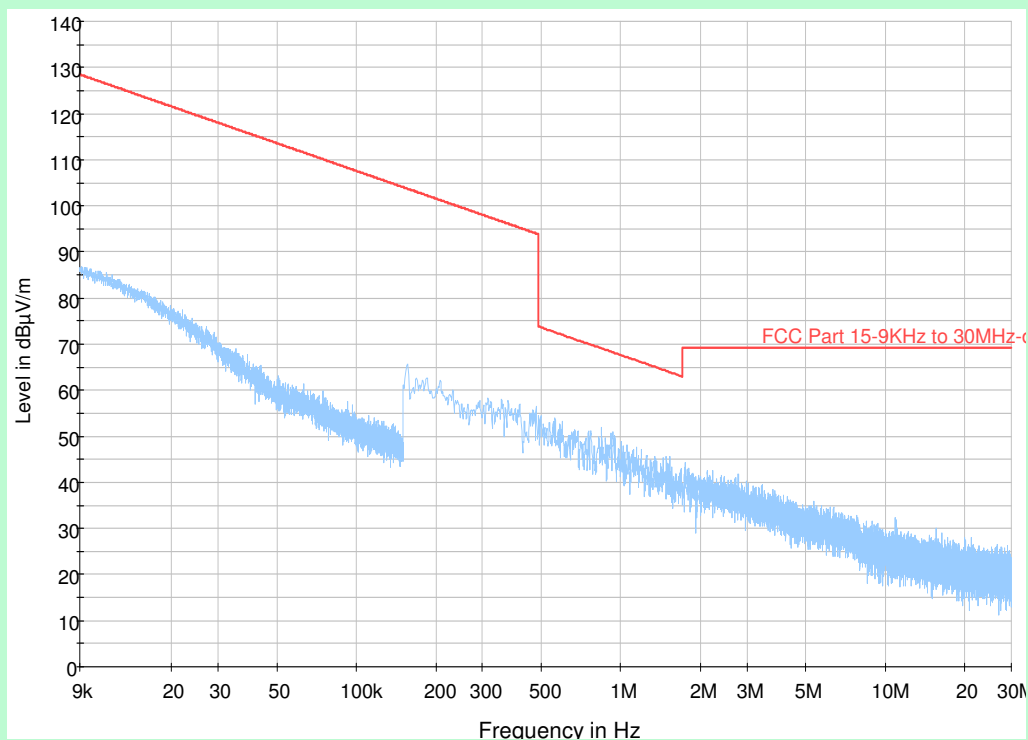
Note : Peak Graph - Perpendicular

**Antenna-1, Channel 2 (908.425 MHz)**

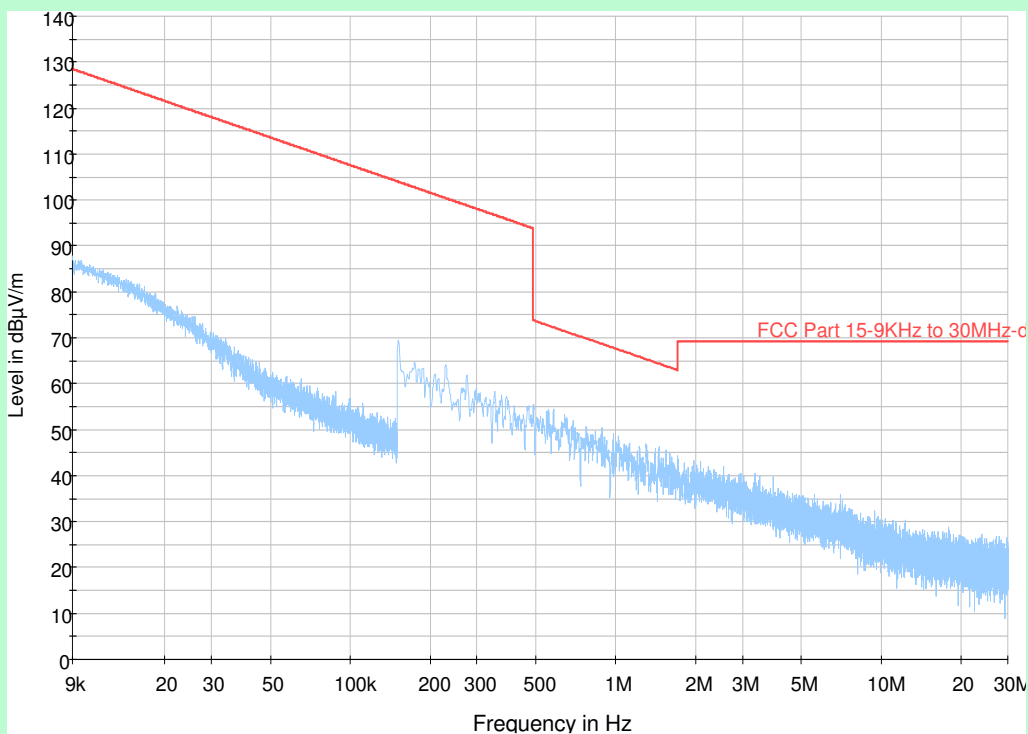
Note : Peak Graph - Parallel

**Antenna-1, Channel 2 (908.425 MHz)**

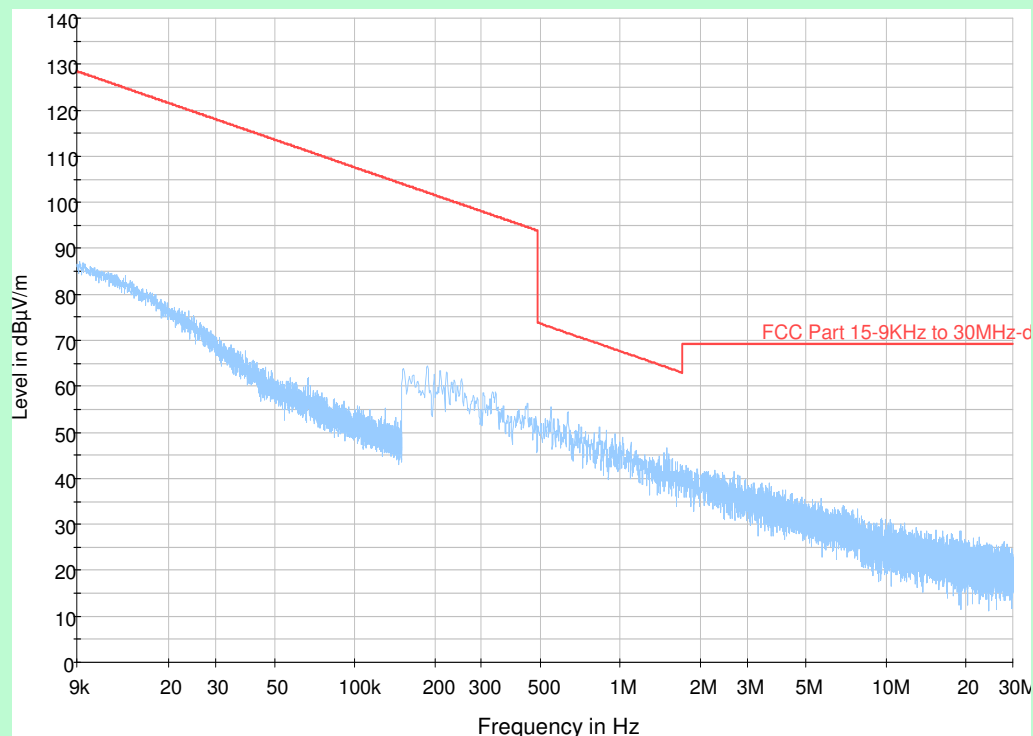
Note : Peak Graph - Perpendicular



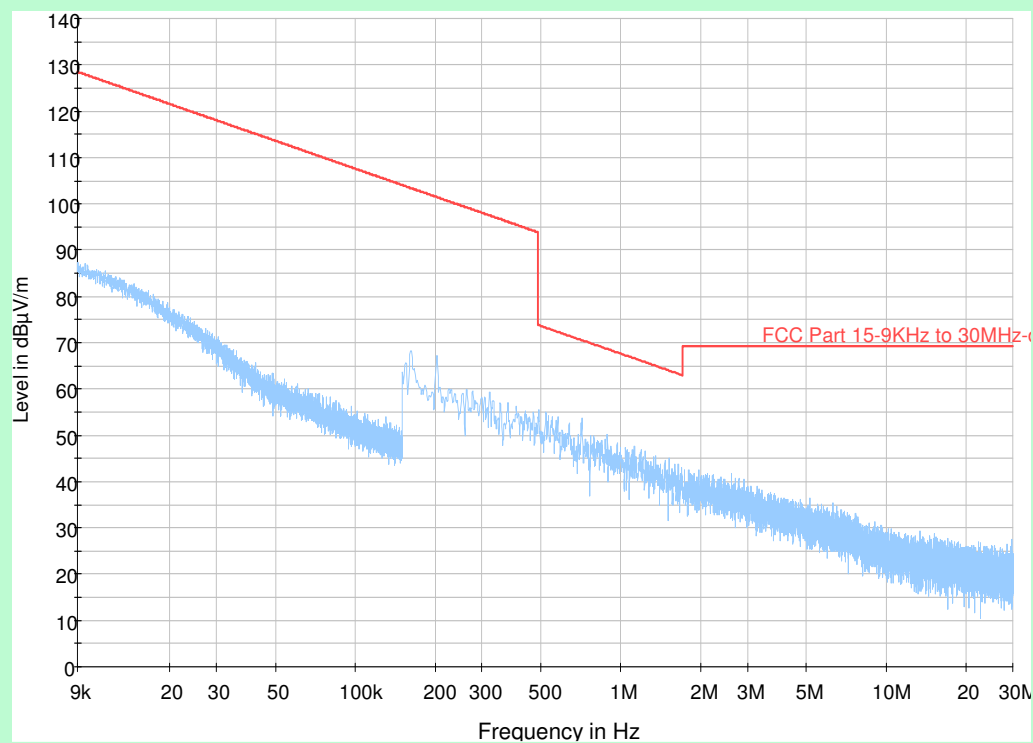
Note : Peak Graph - Parallel



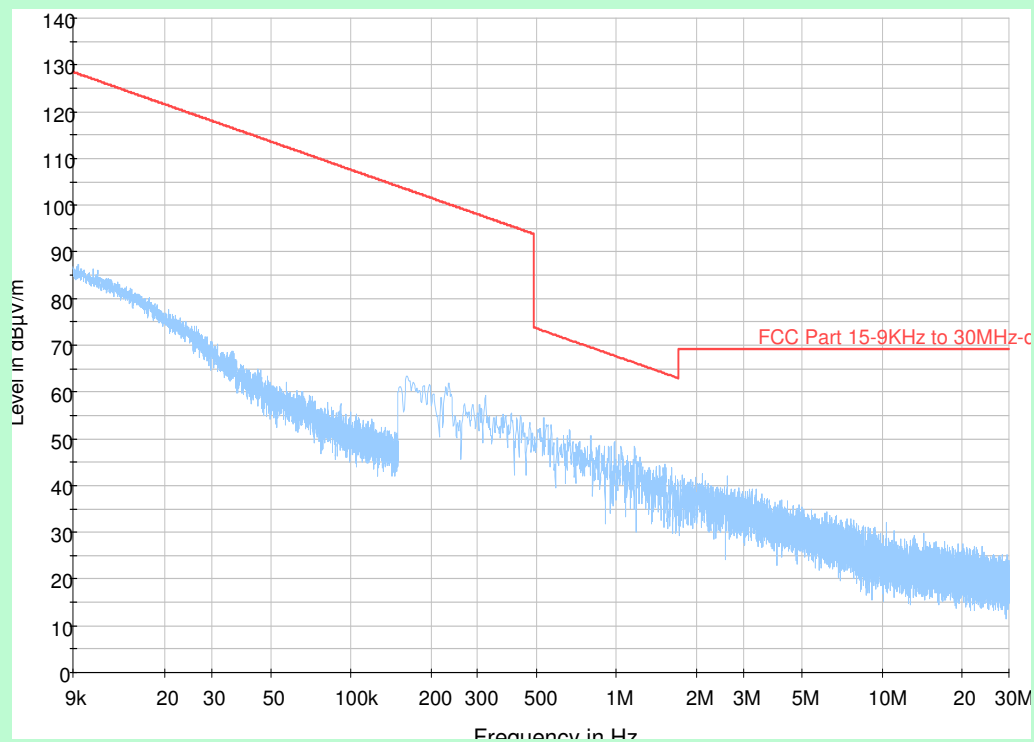
Note : Peak Graph - Perpendicular

**Antenna-1, Channel 4 (915.325MHz)**

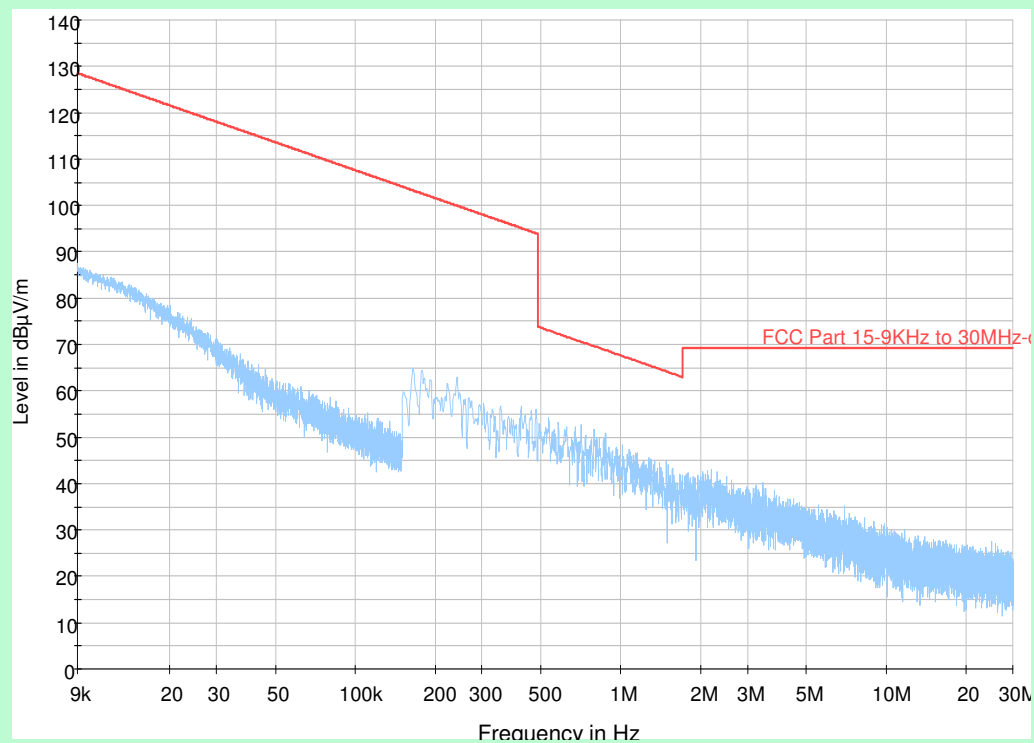
Note : Peak Graph - Parallel

**Antenna-1, Channel 4 (915.325MHz)**

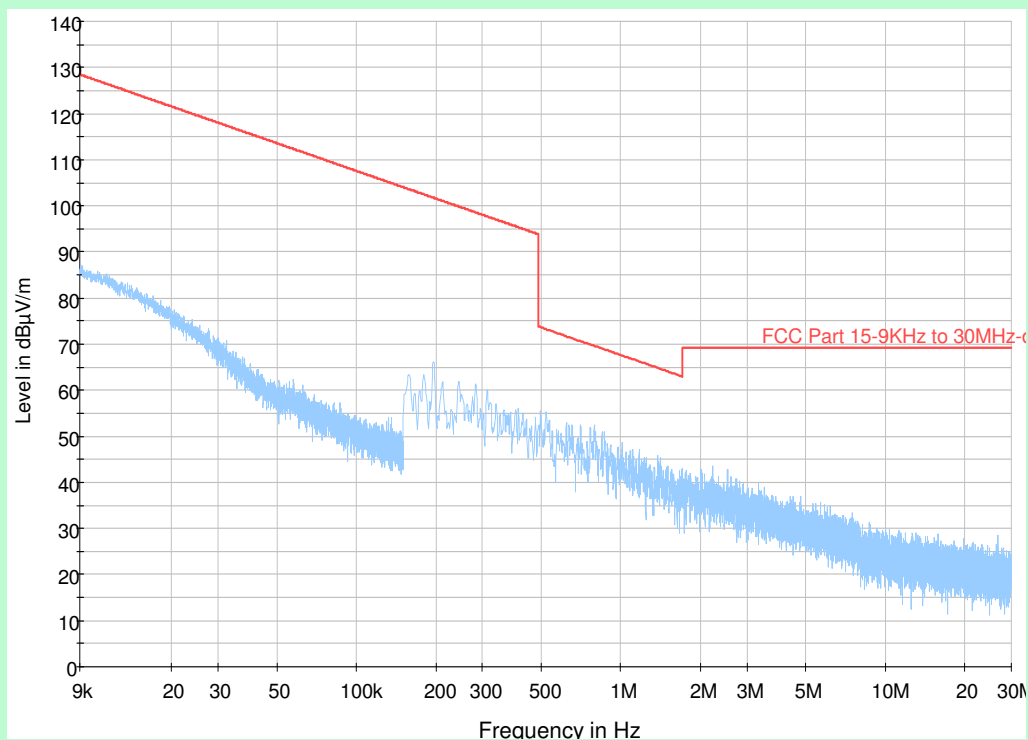
Note : Peak Graph - Perpendicular

**Antenna-1, Channel 5 (921.575MHz)**

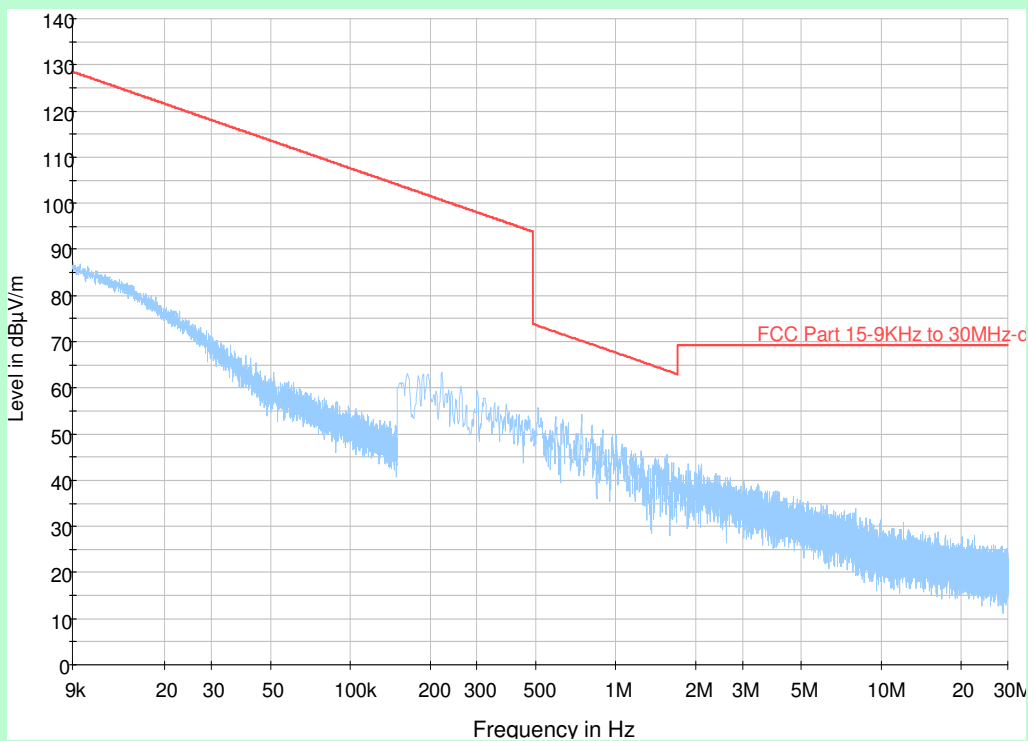
Note : Peak Graph - Parallel

**Antenna-1, Channel 5 (921.575MHz)**

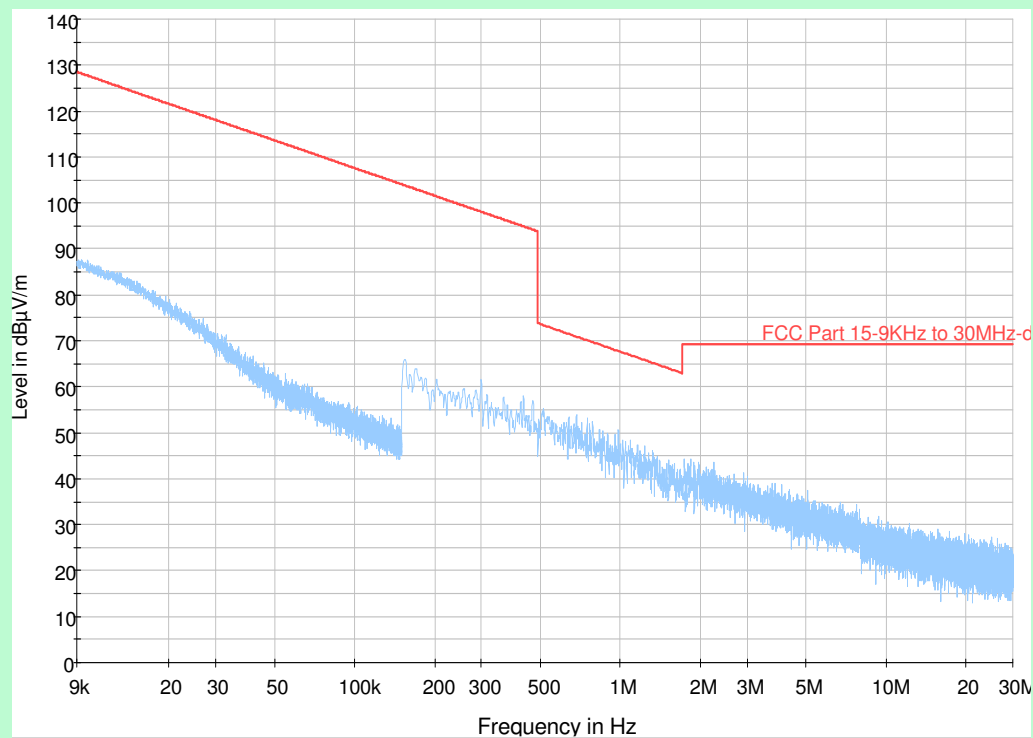
Note : Peak Graph - Perpendicular

**Antenna-1, Channel 6 (927.125 MHz)**

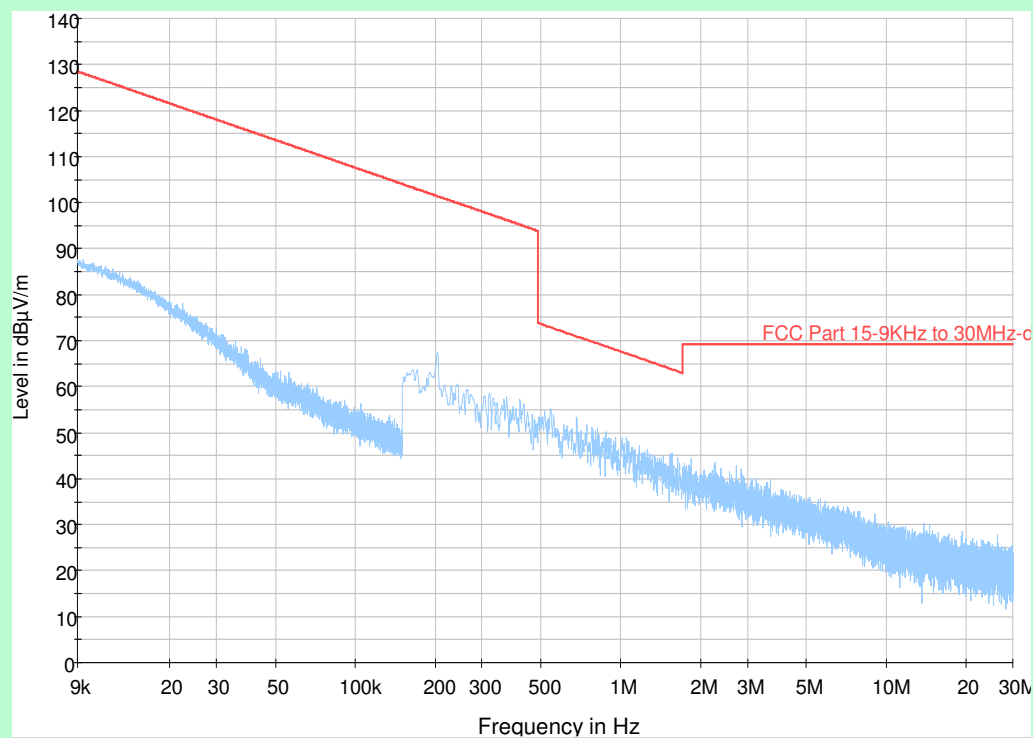
Note : Peak Graph - Parallel

**Antenna-1, Channel 6 (927.125 MHz)**

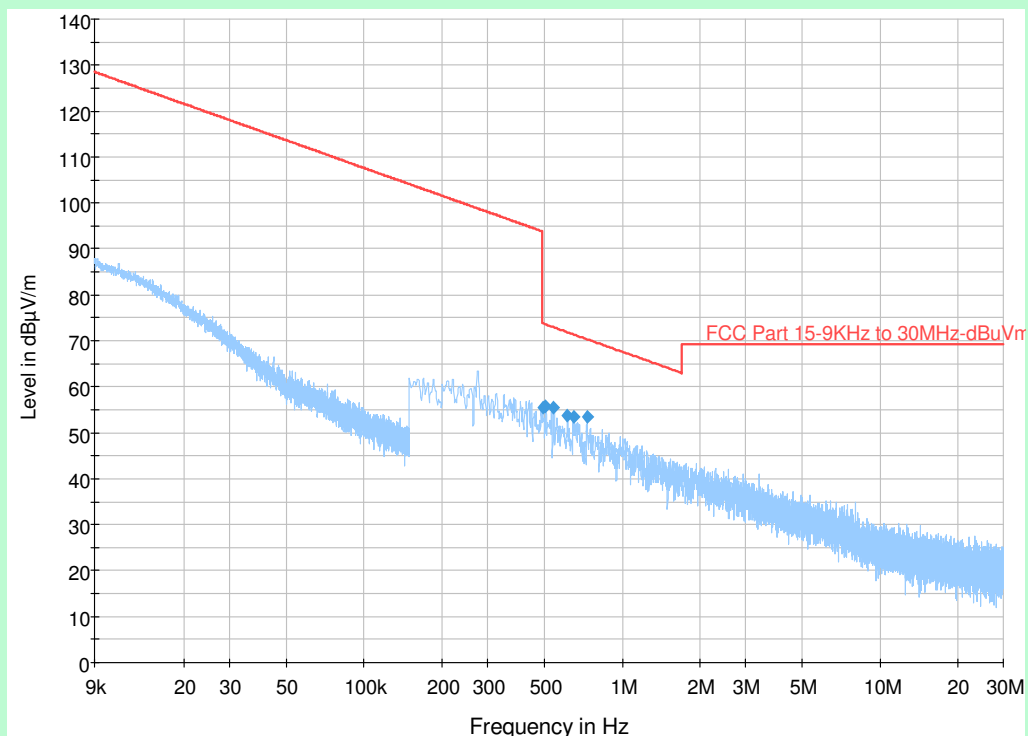
Note : Peak Graph - Perpendicular

**Antenna-2, Channel 1 (902.875 MHz)**

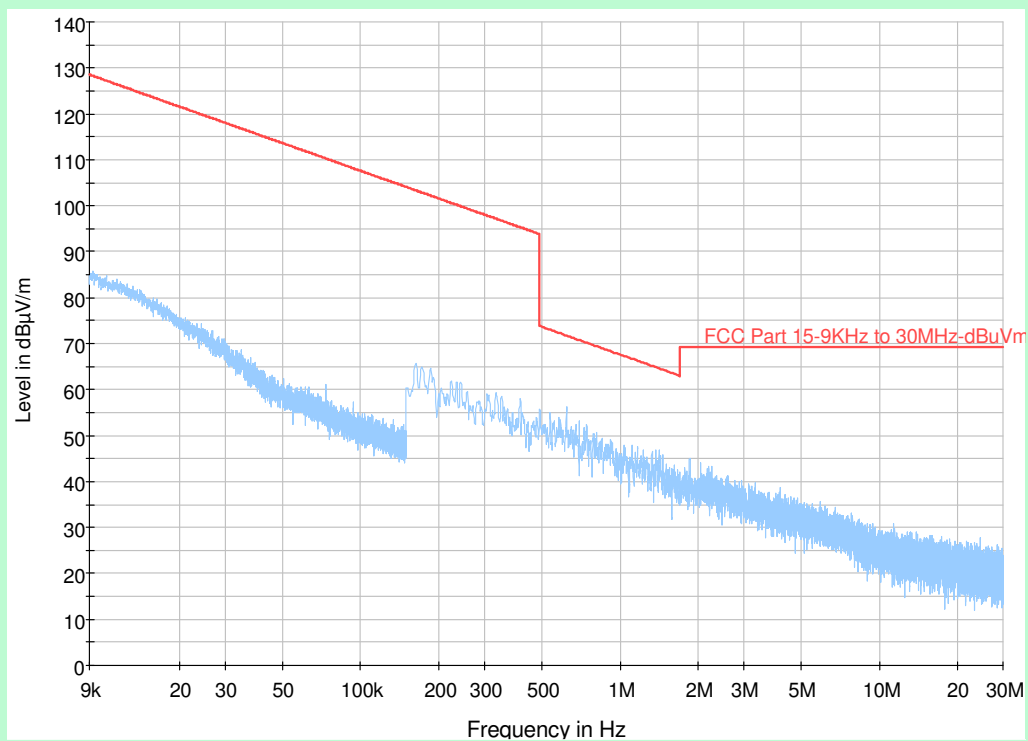
Note : Peak Graph - Parallel

**Antenna-2, Channel 1 (902.875 MHz)**

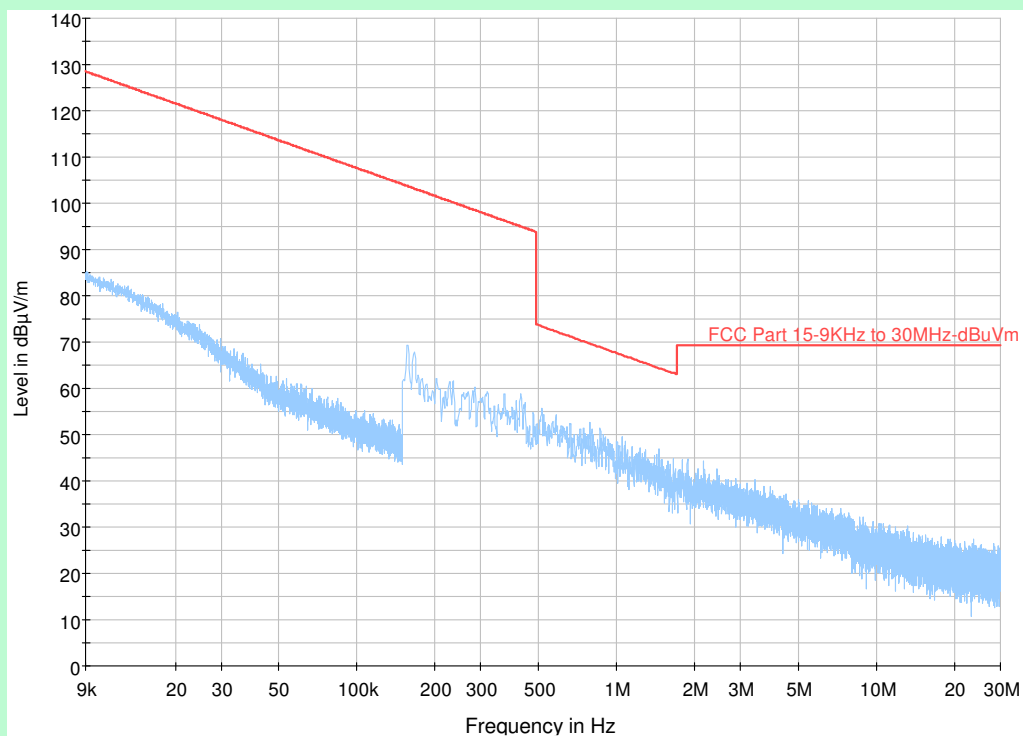
Note : Peak Graph - Perpendicular

**Antenna-2, Channel 2 (908.425 MHz)**

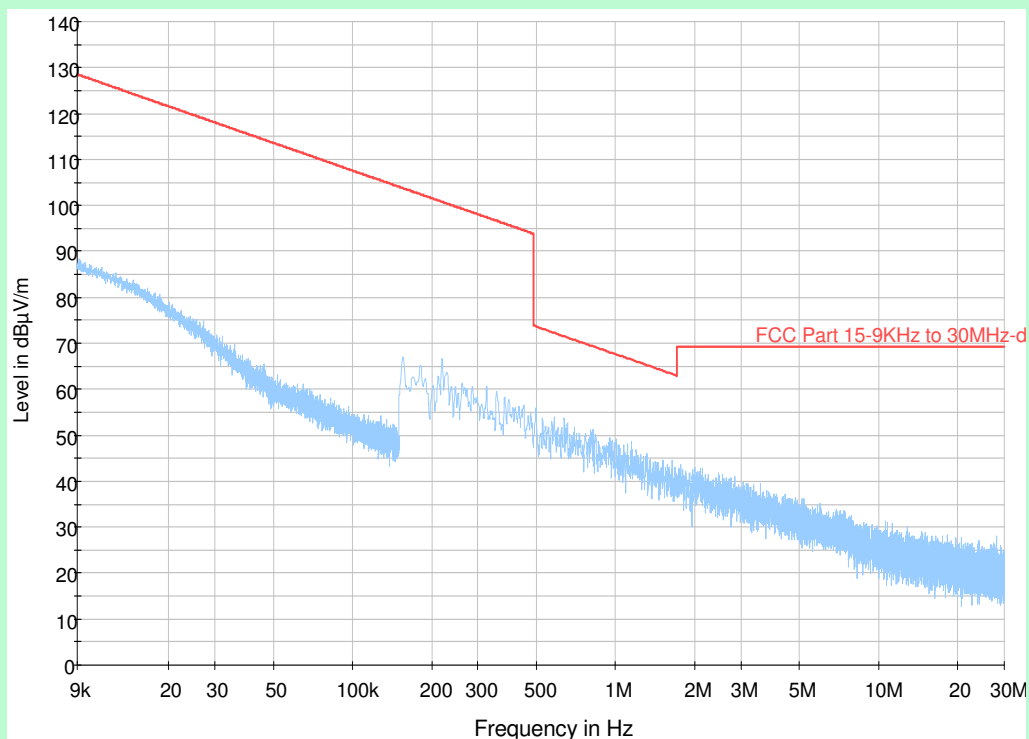
Note : Peak Graph - Parallel

**Antenna-2, Channel 2 (908.425 MHz)**

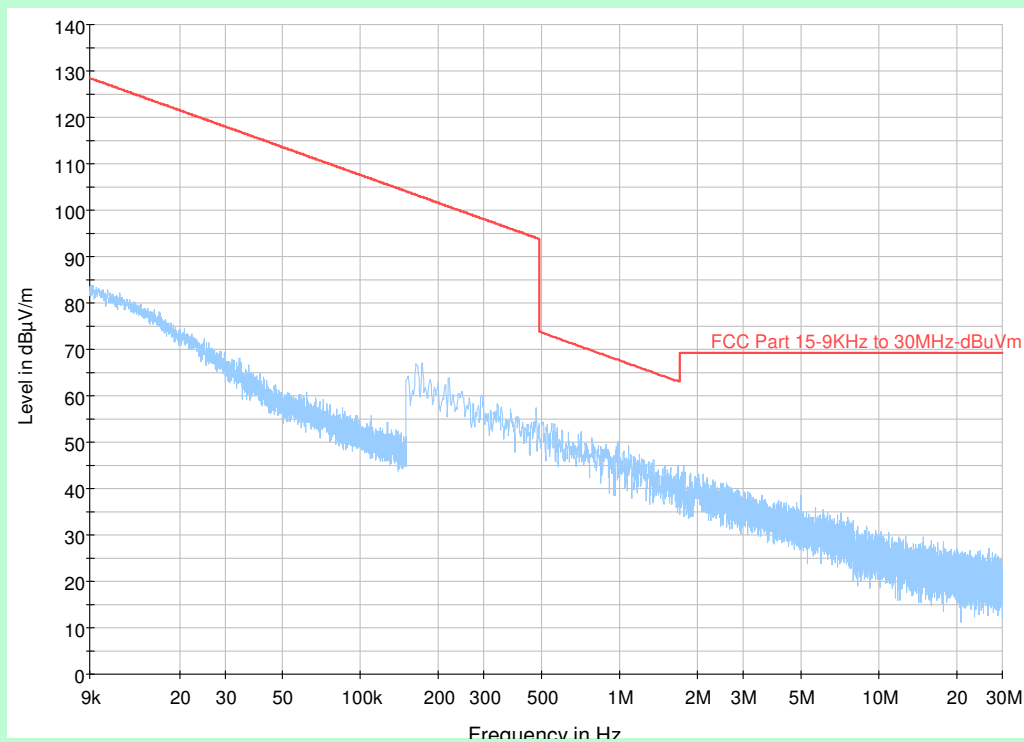
Note : Peak Graph - Perpendicular

**Antenna-2, Channel 3 (914.325 MHz)**

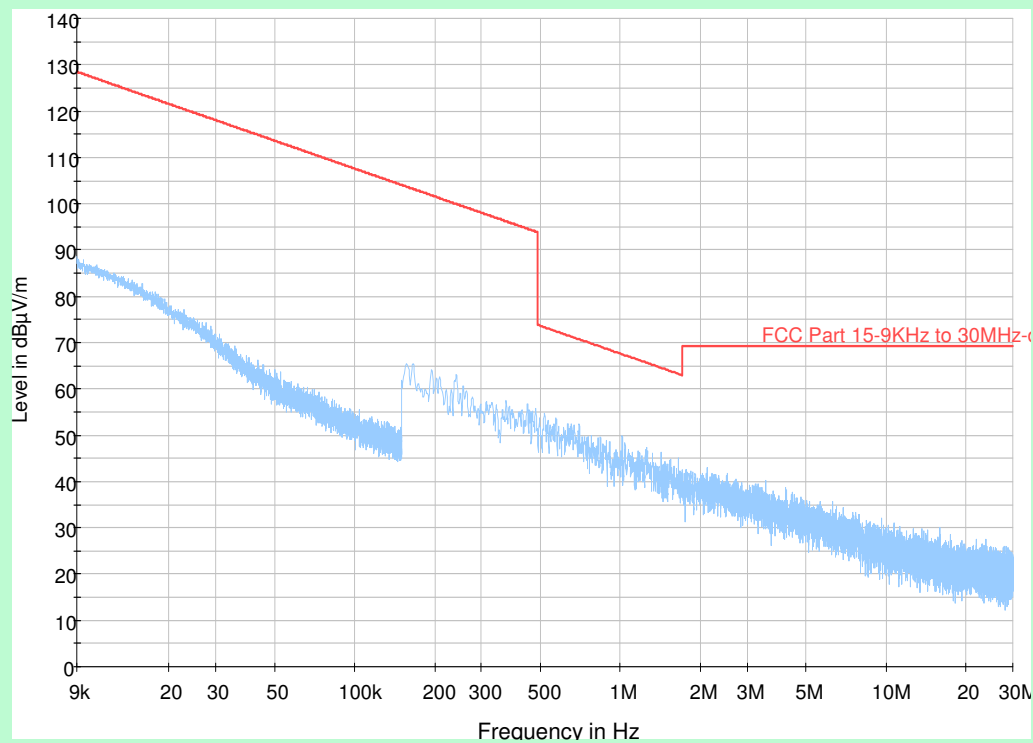
Note : Peak Graph - Parallel

**Antenna-2, Channel 3 (914.325MHz)**

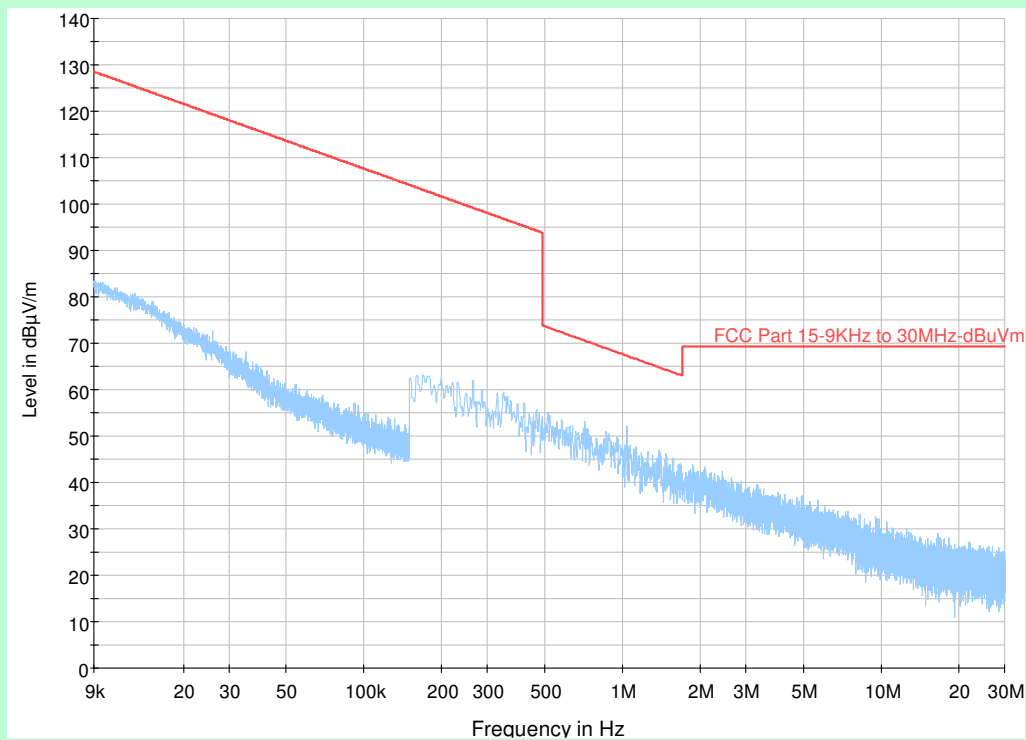
Note : Peak Graph - Perpendicular



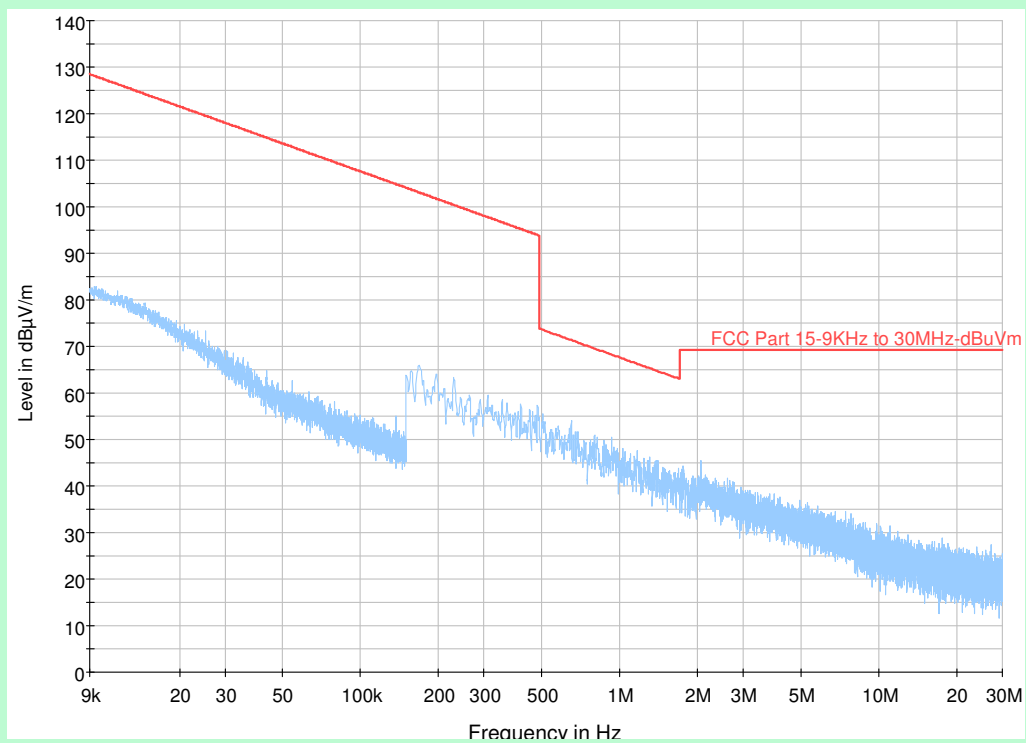
Note : Peak Graph - Parallel



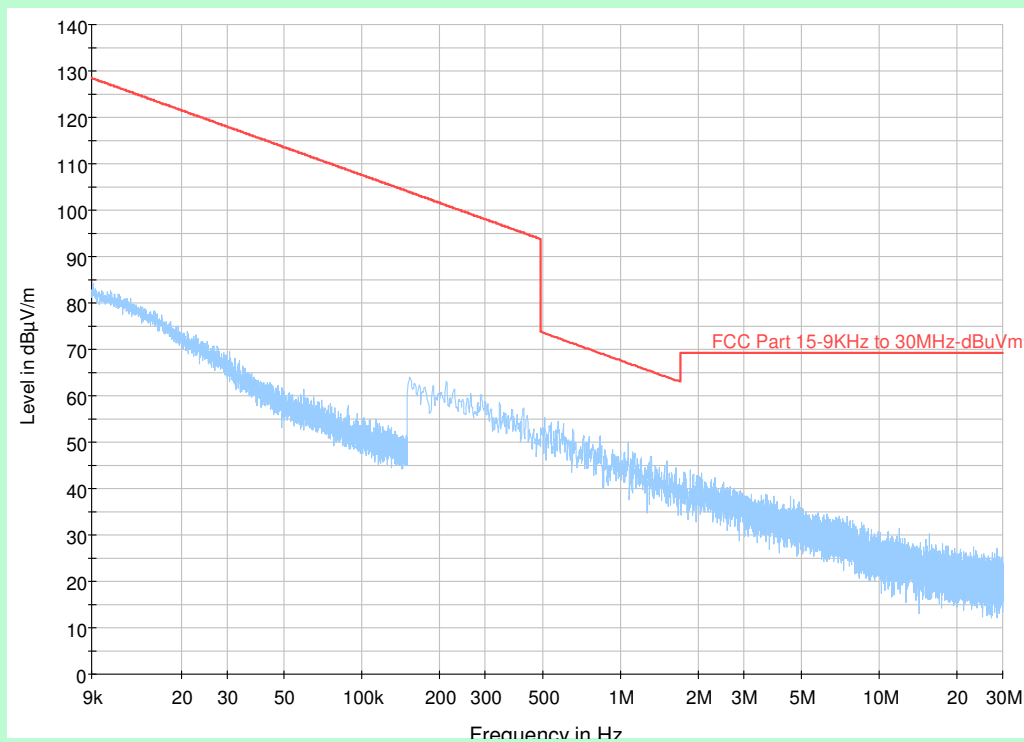
Note : Peak Graph - Perpendicular



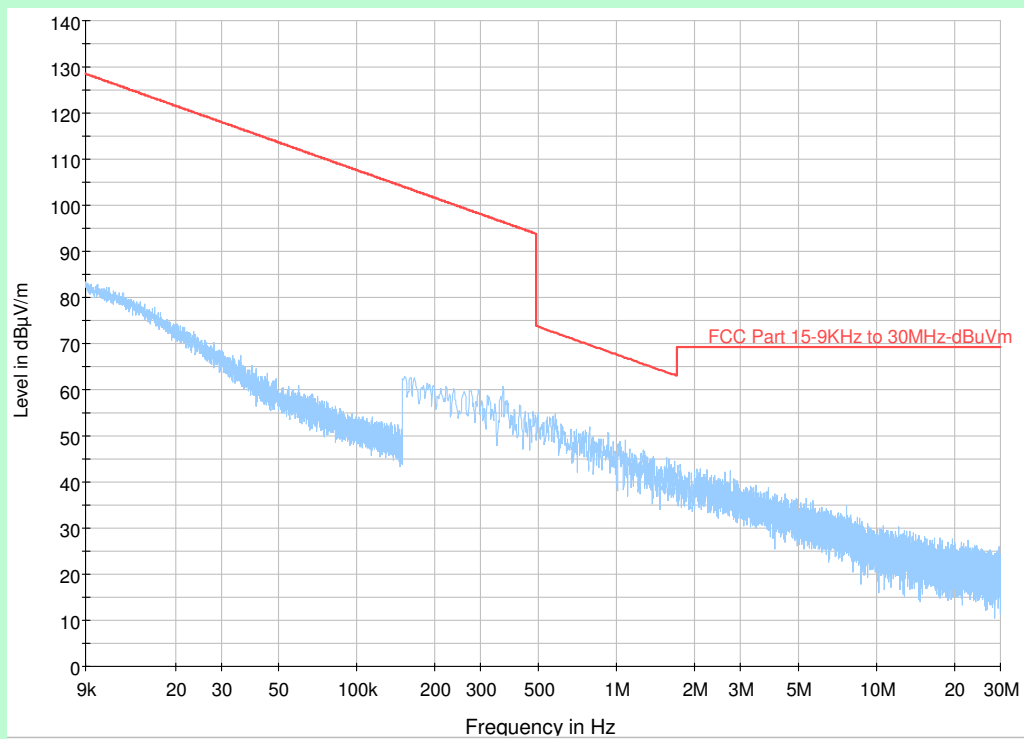
Note : Peak Graph - Parallel



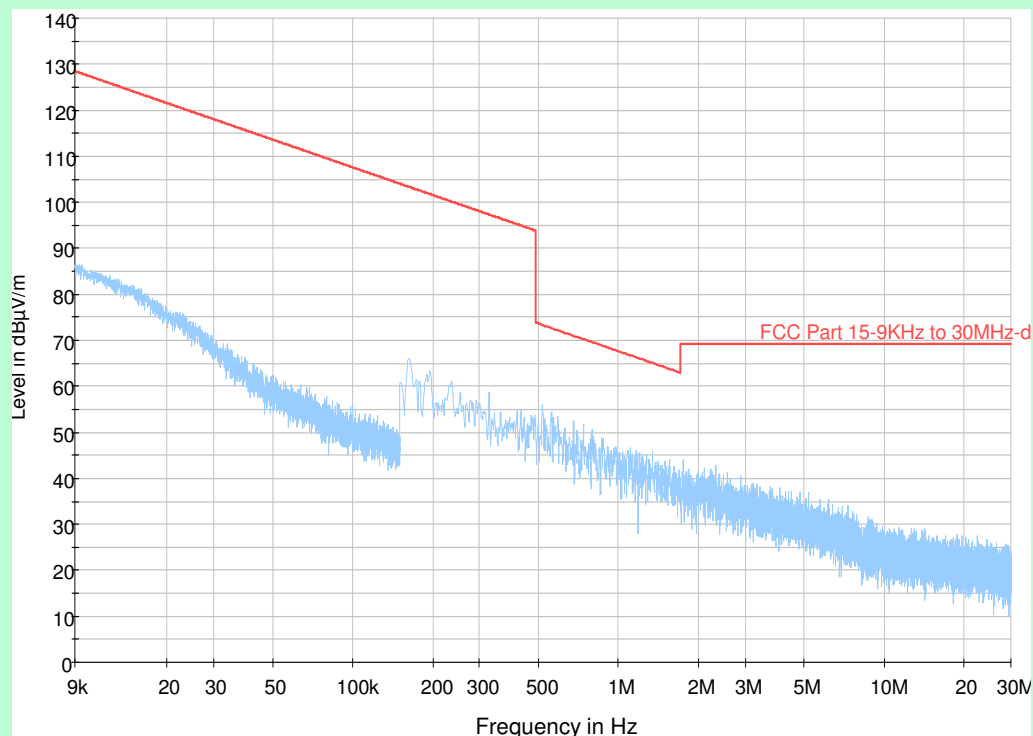
Note : Peak Graph - Perpendicular



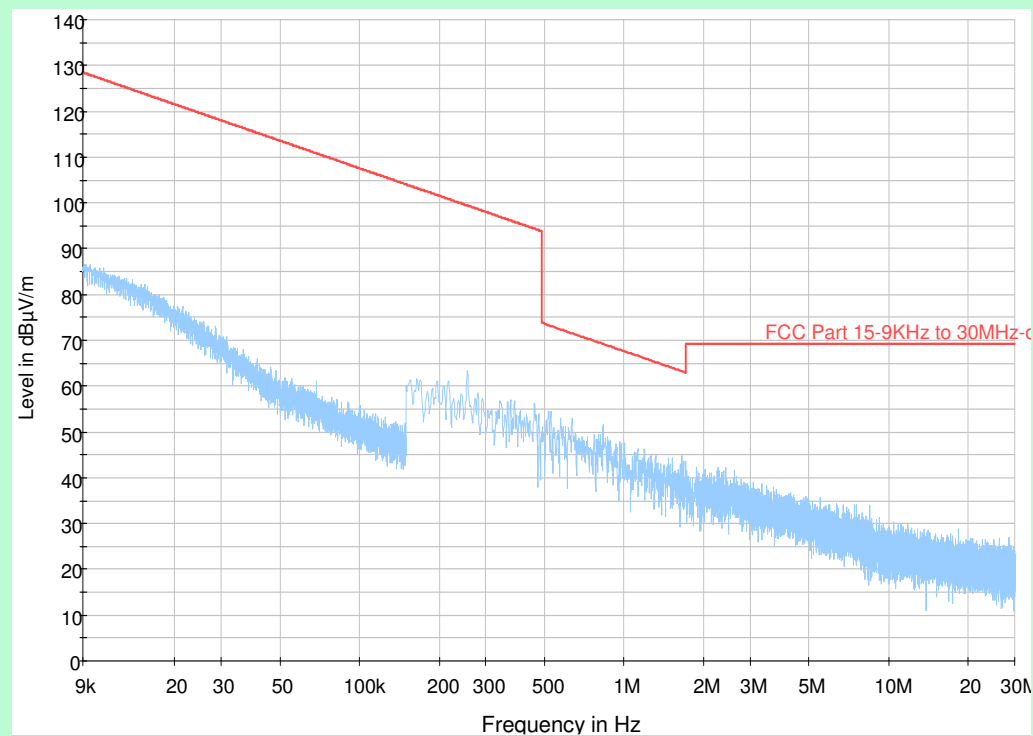
Note : Peak Graph - Parallel



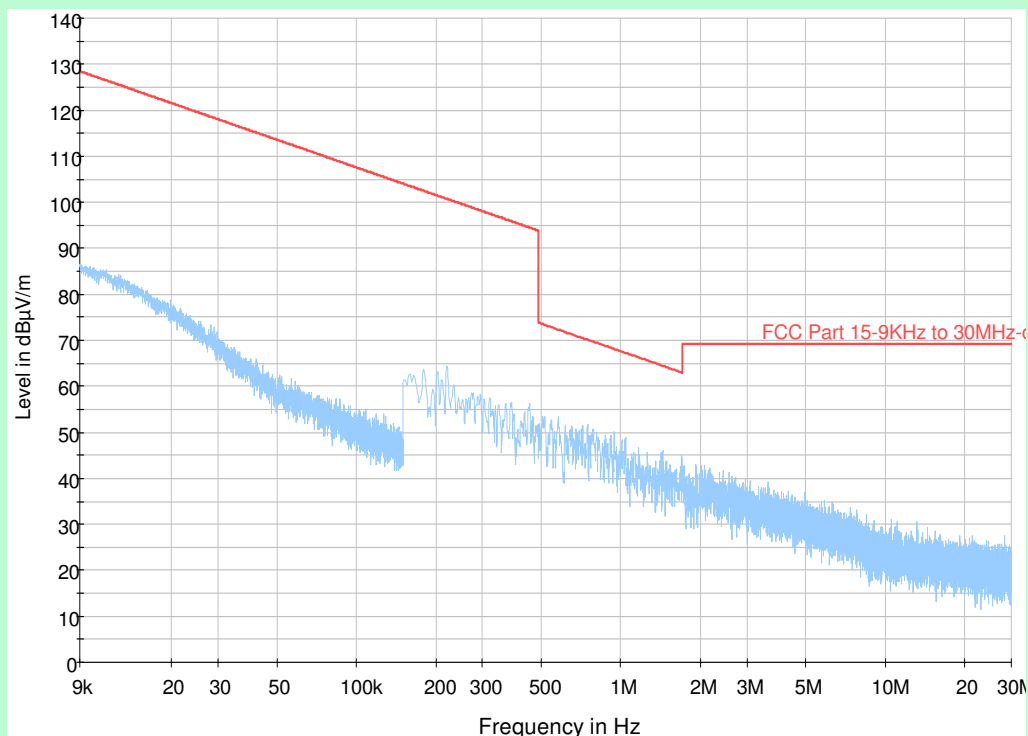
Note : Peak Graph - Perpendicular

**Antenna-3, Channel 1 (902.875 MHz)**

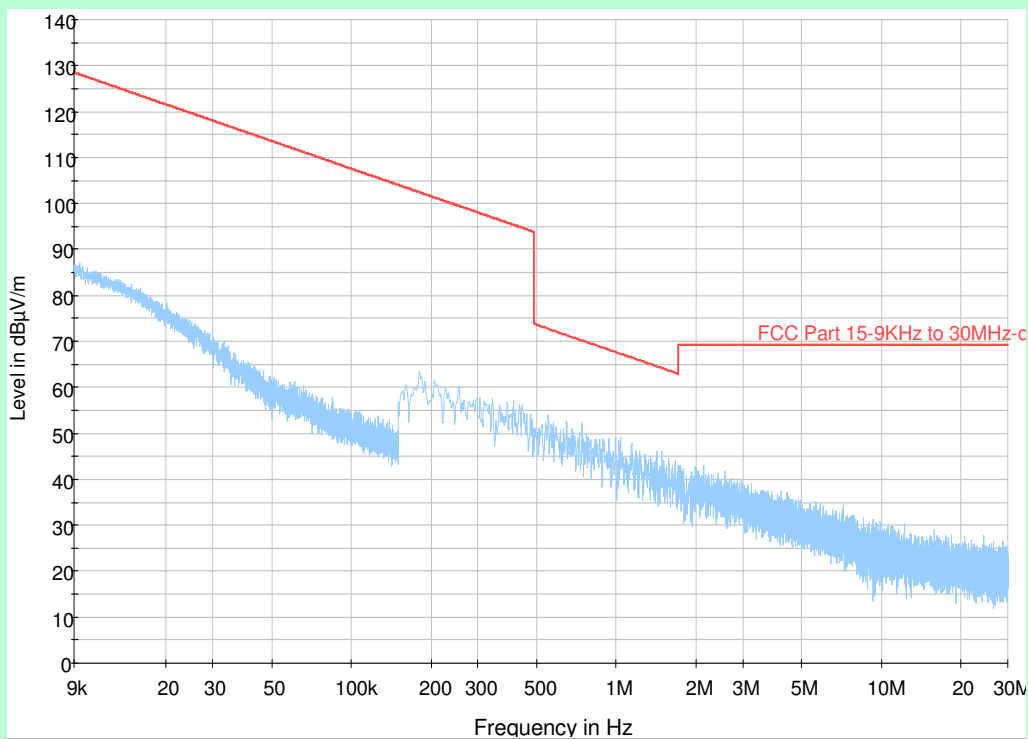
Note : Peak Graph - Parallel

**Antenna-3, Channel 1 (902.875 MHz)**

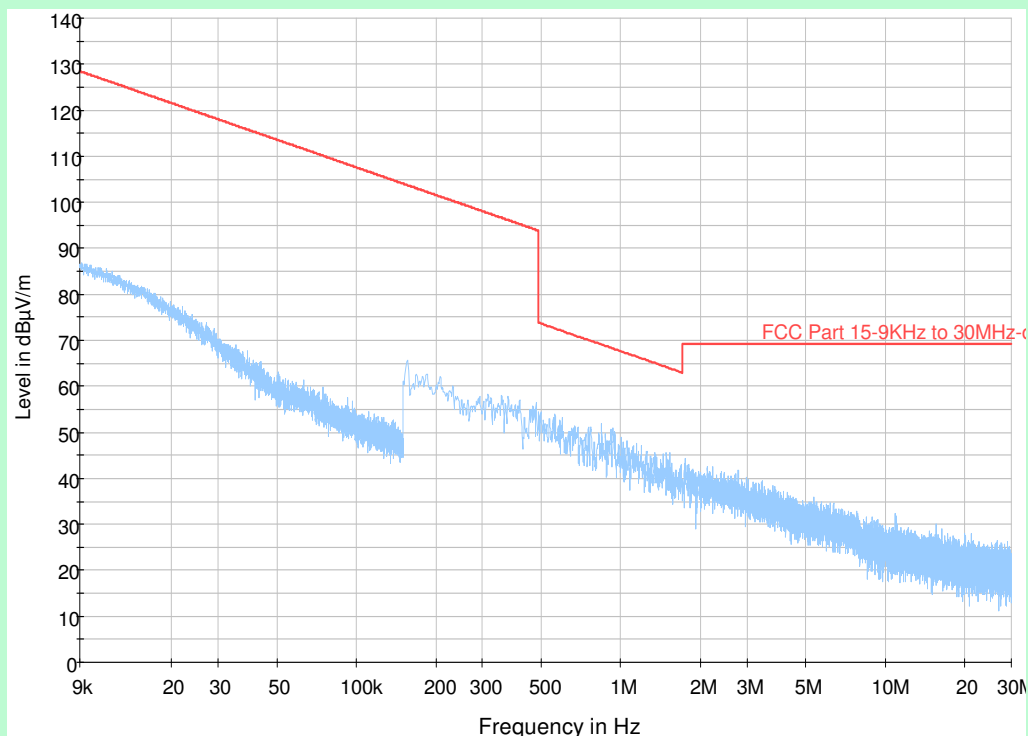
Note : Peak Graph - Perpendicular

**Antenna-3, Channel 2 (908.425 MHz)**

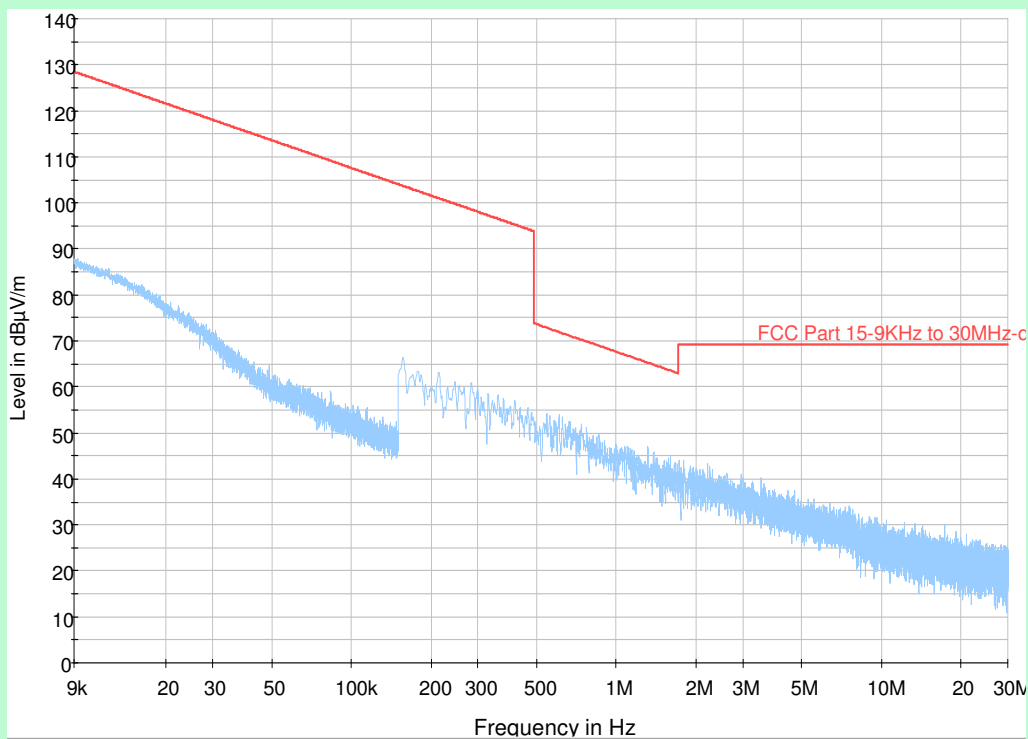
Note : Peak Graph - Parallel

**Antenna-3, Channel 2 (908.425 MHz)**

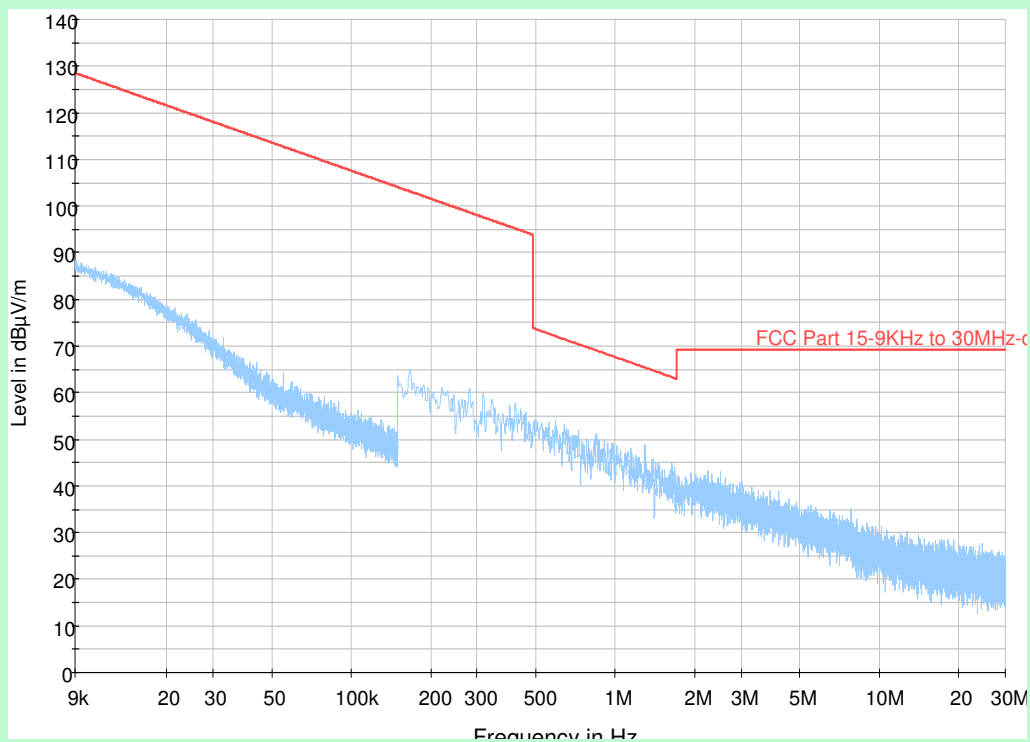
Note : Peak Graph - Perpendicular

**Antenna-3, Channel 3 (914.325 MHz)**

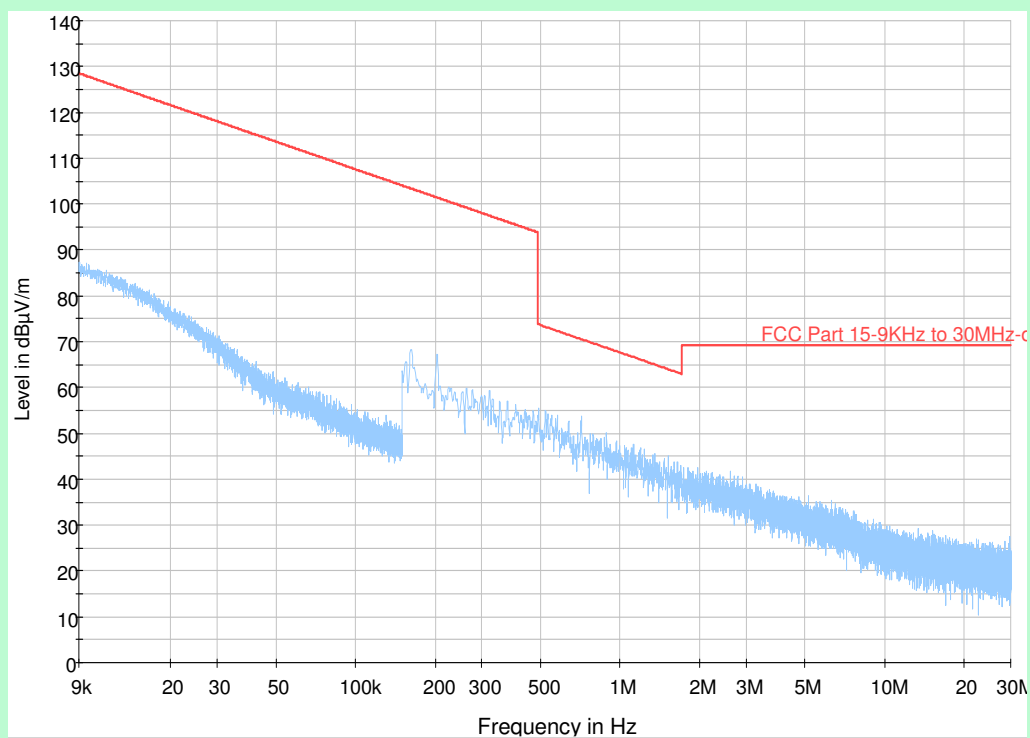
Note : Peak Graph - Parallel

**Antenna-3, Channel 3 (914.325 MHz)**

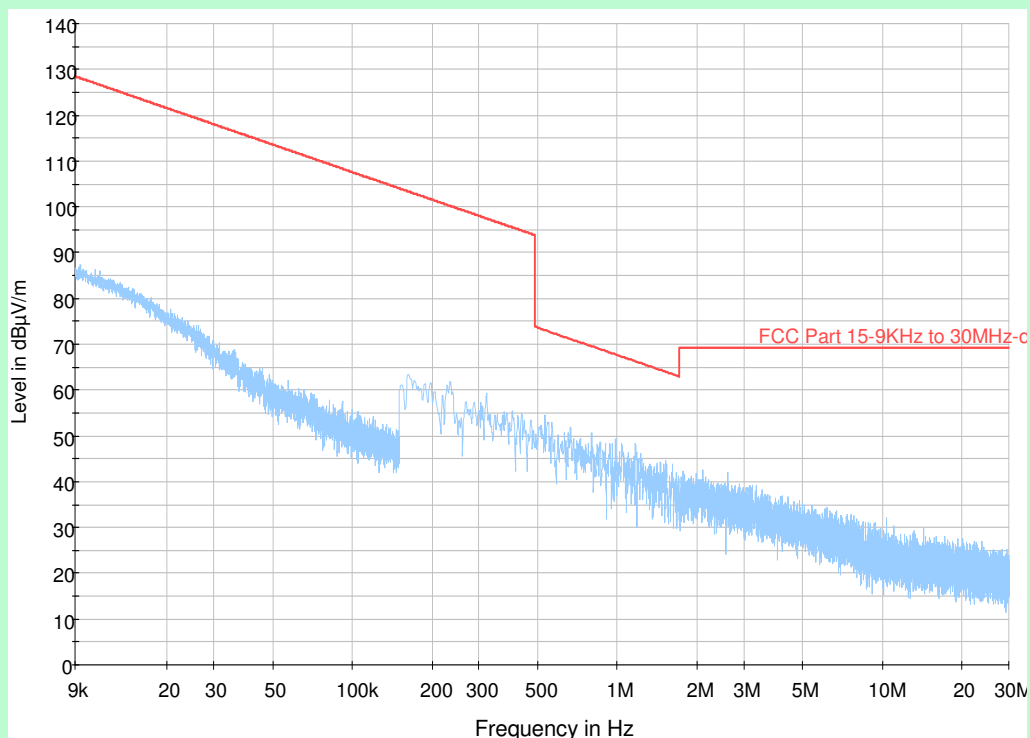
Note : Peak Graph - Perpendicular

**Antenna-3, Channel 4 (915.325 MHz)**

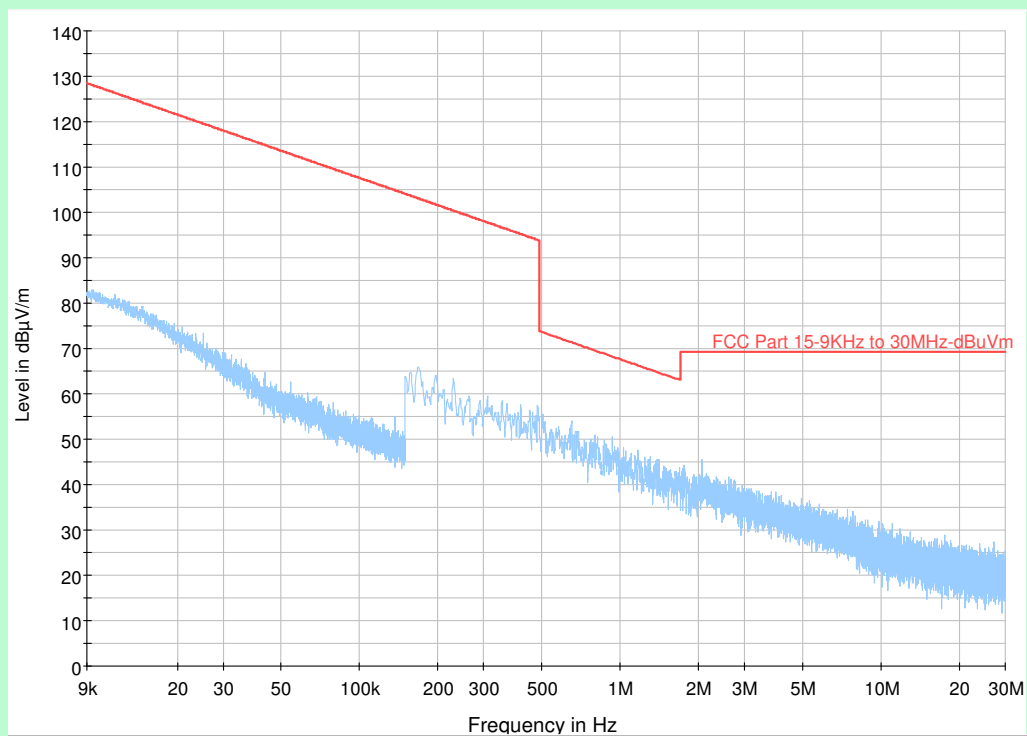
Note : Peak Graph - Parallel

**Antenna-3, Channel 4 (915.325 MHz)**

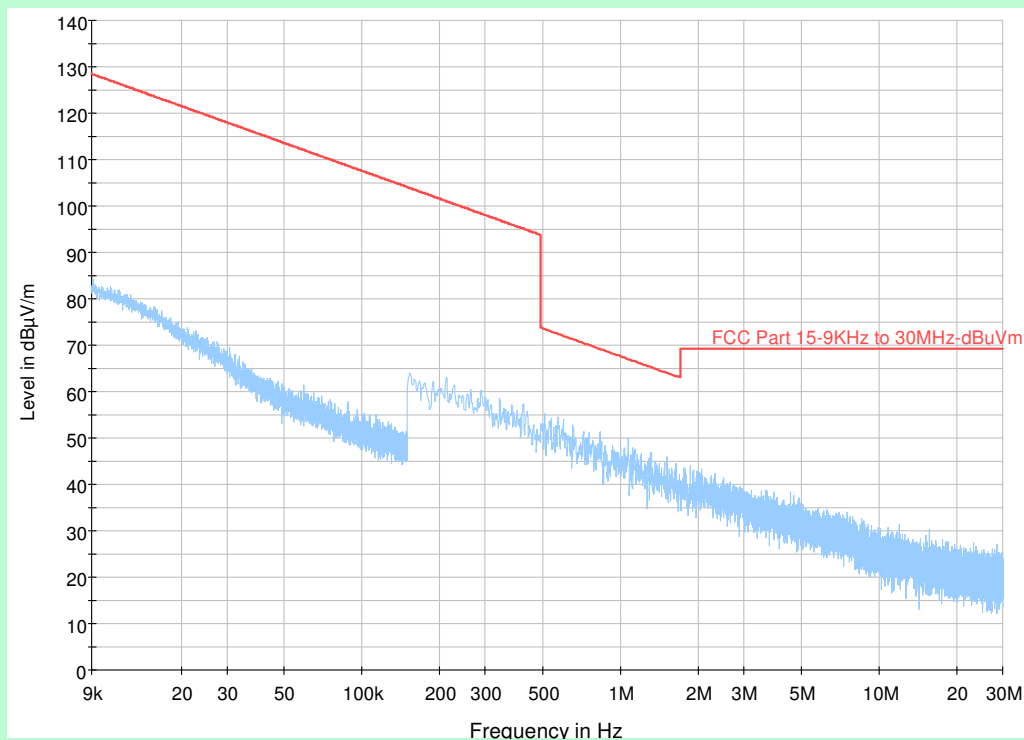
Note : Peak Graph - Perpendicular

**Antenna-3, Channel 5 (921.575 MHz)**

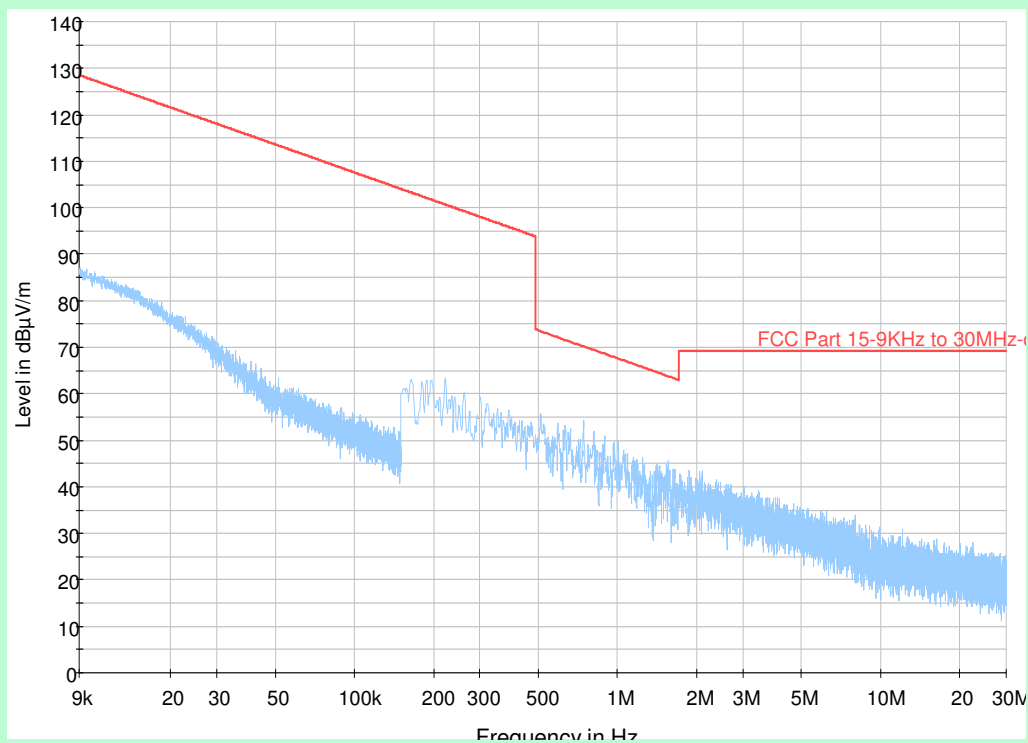
Note : Peak Graph - Parallel

**Antenna-3, Channel 5 (921.575 MHz)**

Note : Peak Graph - Perpendicular

**Antenna-3, Channel 6 (927.125 MHz)**

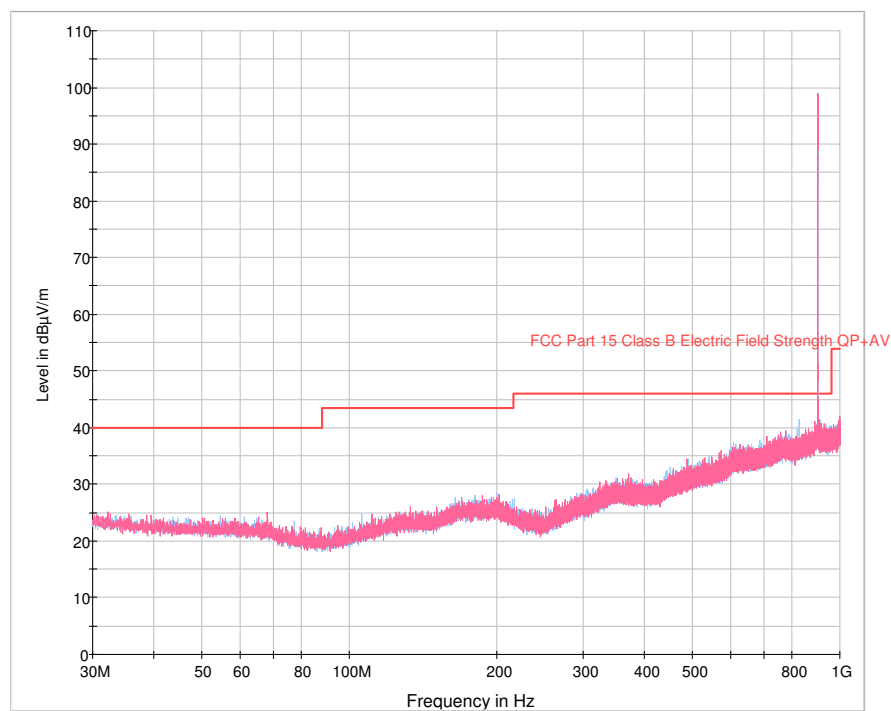
Note : Peak Graph - Parallel

**Antenna-3, Channel 6 (926.125 MHz)**

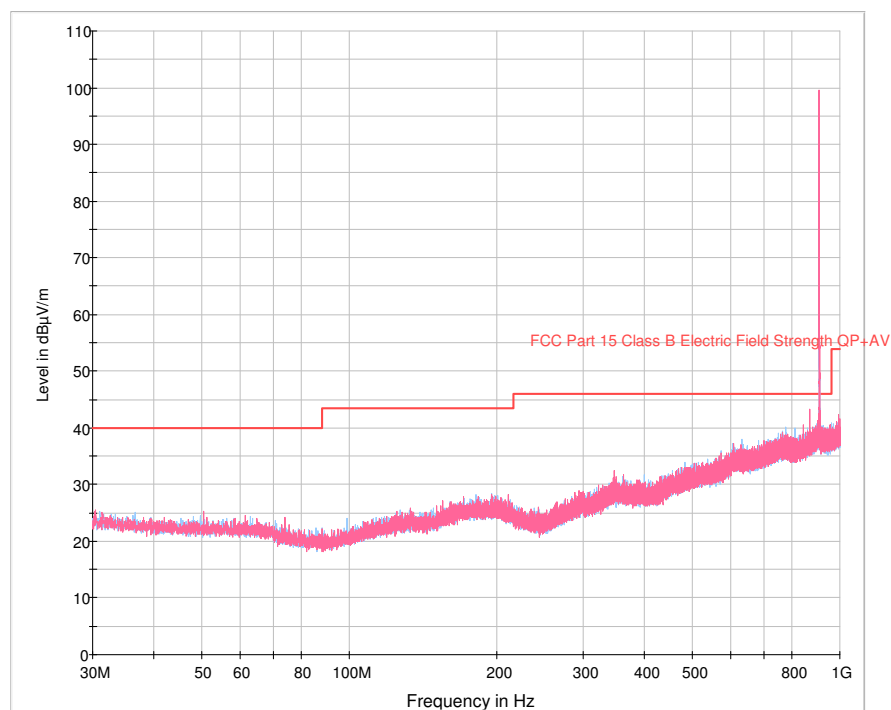
Note : Peak Graph - Perpendicular

TEST RESULT – 9 KHz to 30 MHz									
Channel	Channel Frequency	Measured Spurious	Quasi Peak	Height	Ant Pol	Azimuth	Margin	Limit @ 3m Distance	Results
#	MHz	MHz	dBµV/m	cm	Parallel / Perpendicular	deg	dB	dBµV/m	
No Emissions Found									
Note : Measured Field Strength (dBuV/m) = Receiver Readings (dBuV) + Antenna Factor (dB/m) + Cable loss (dB)									

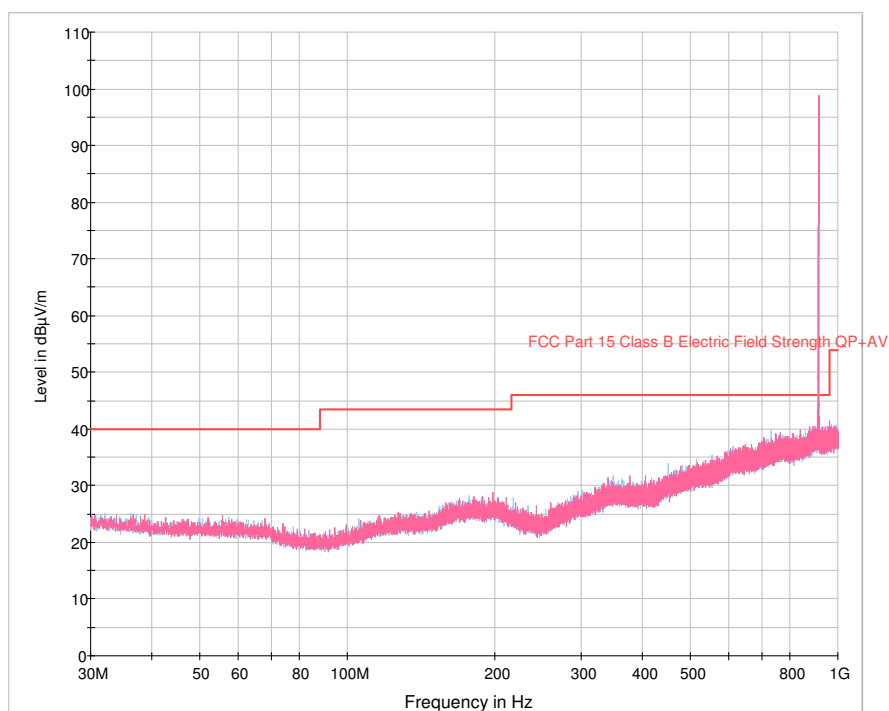
TEST GRAPHS – 30 MHz to 1 GHz

**Antenna-1, Channel 1 (902.875 MHz)**

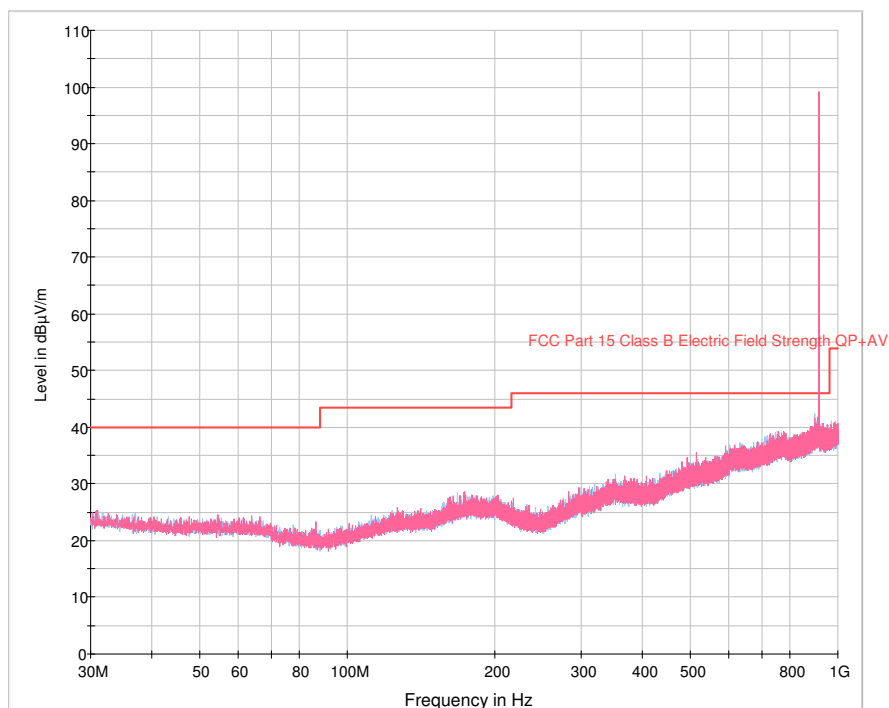
Note : Peak Graph - Vertical (Red), Peak Graph Horizontal (Blue), Tested with 6dB Attenuator

**Antenna-1, Channel 2 (908.425 MHz)**

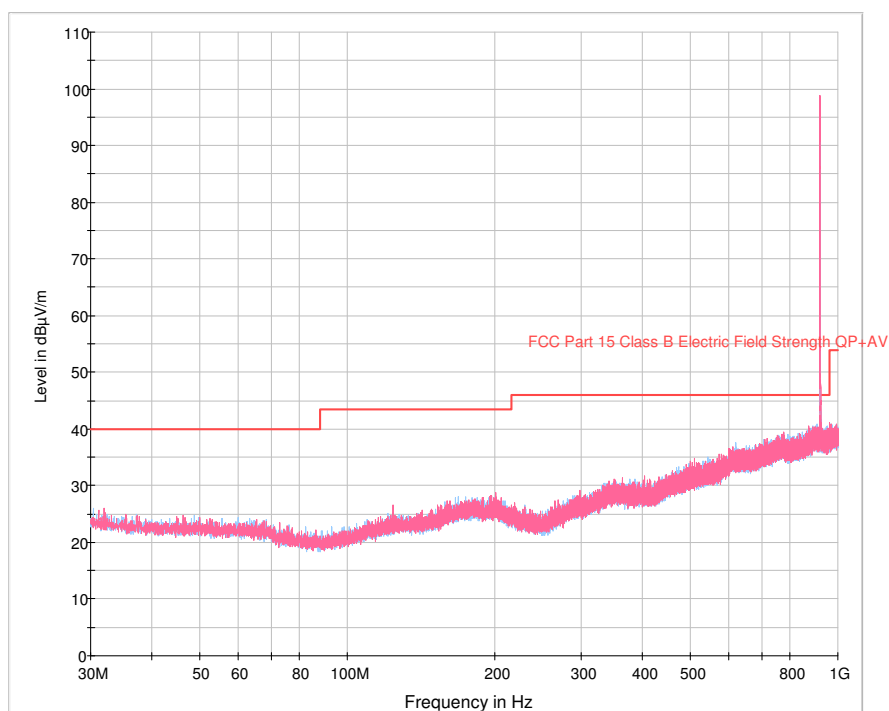
Note : Peak Graph - Vertical (Red), Peak Graph Horizontal (Blue), Tested with 6dB Attenuator

**Antenna-1, Channel 3 (914.325 MHz)**

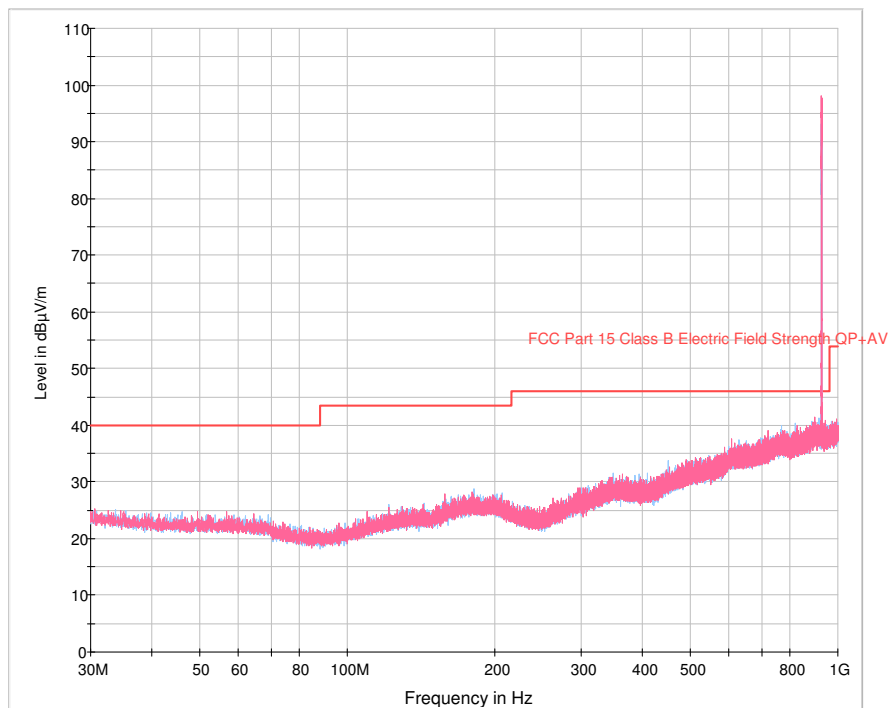
Note : Peak Graph - Vertical (Red), Peak Graph Horizontal (Blue), Tested with 6dB Attenuator

**Antenna-1, Channel 4 (915.325 MHz)**

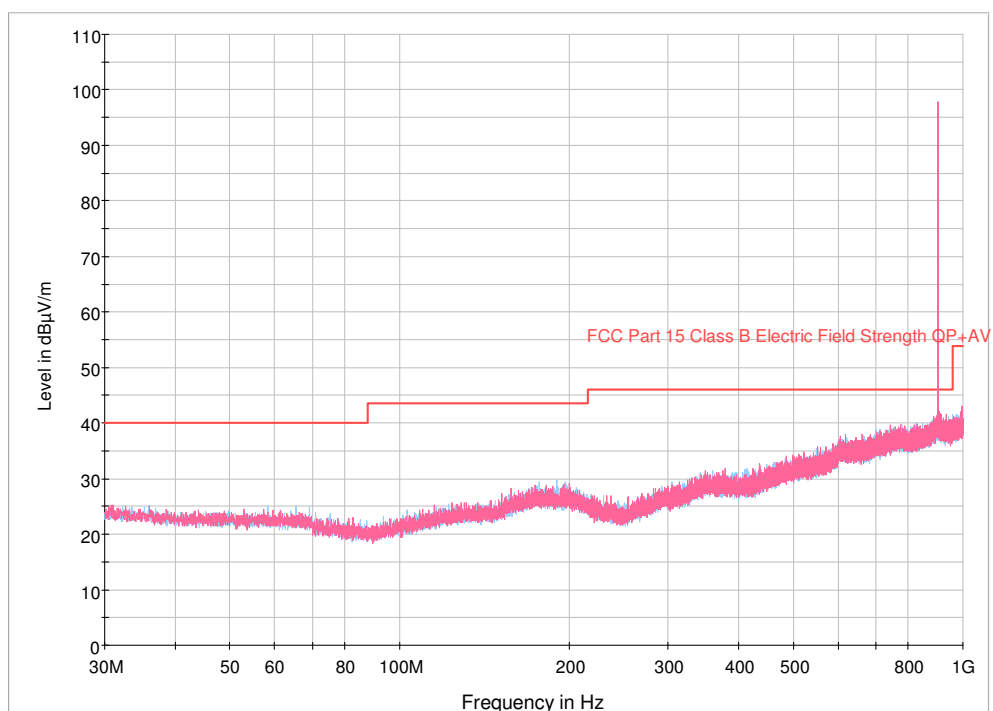
Note : Peak Graph - Vertical (Red), Peak Graph Horizontal (Blue), Tested with 6dB Attenuator

**Antenna-1, Channel 5 (921.575 MHz)**

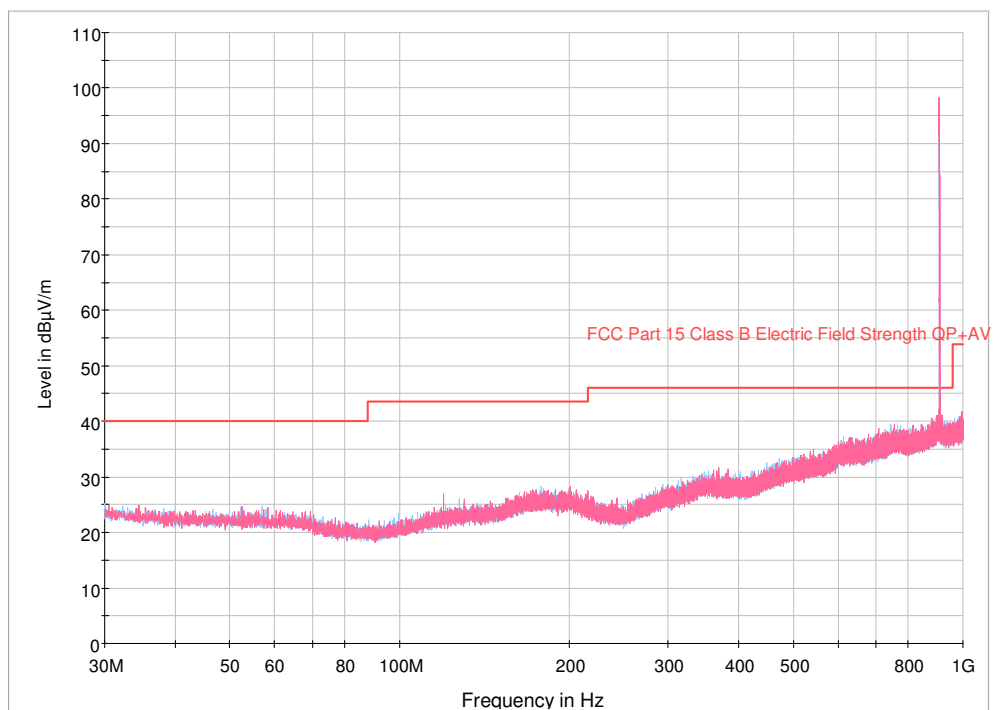
Note : Peak Graph - Vertical (Red), Peak Graph Horizontal (Blue), Tested with 6dB Attenuator

**Antenna-1, Channel 6 (927.125 MHz)**

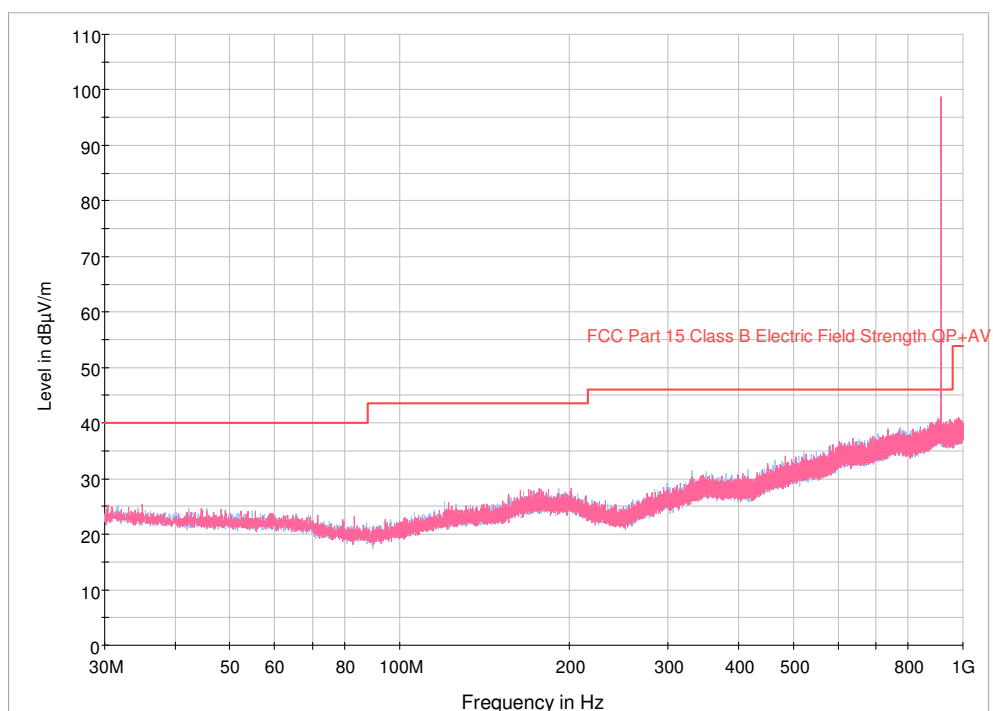
Note : Peak Graph - Vertical (Red), Peak Graph Horizontal (Blue), Tested with 6dB Attenuator

**Antenna-2, Channel 1 (902.875 MHz)**

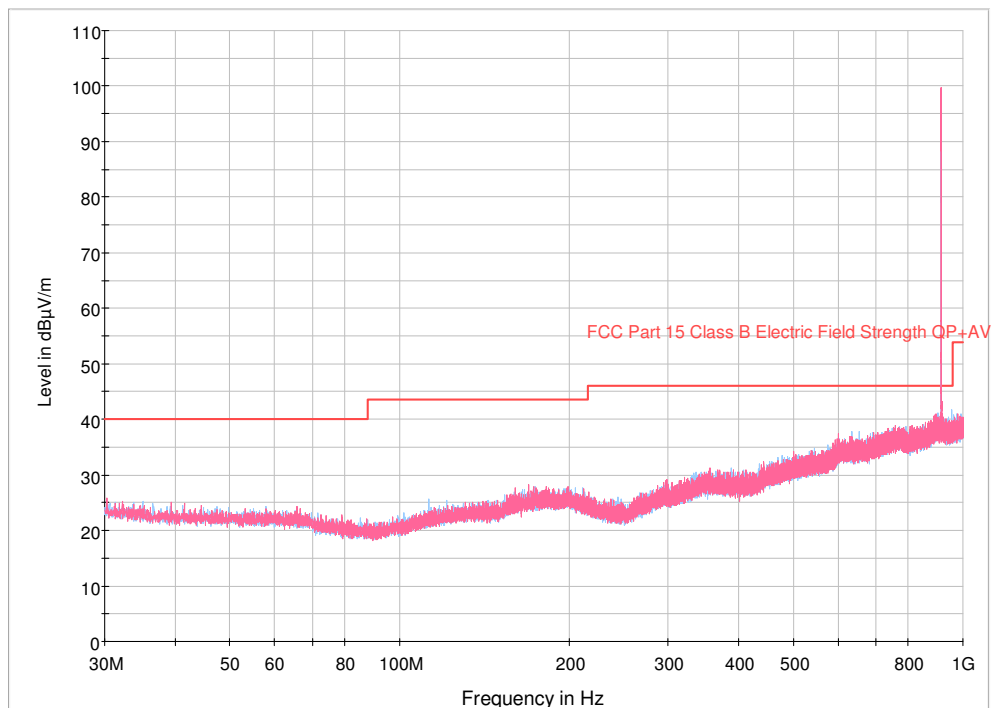
Note : Peak Graph - Vertical (Red), Peak Graph Horizontal (Blue), Tested with 6dB Attenuator

**Antenna-2, Channel 2 (908.425 MHz)**

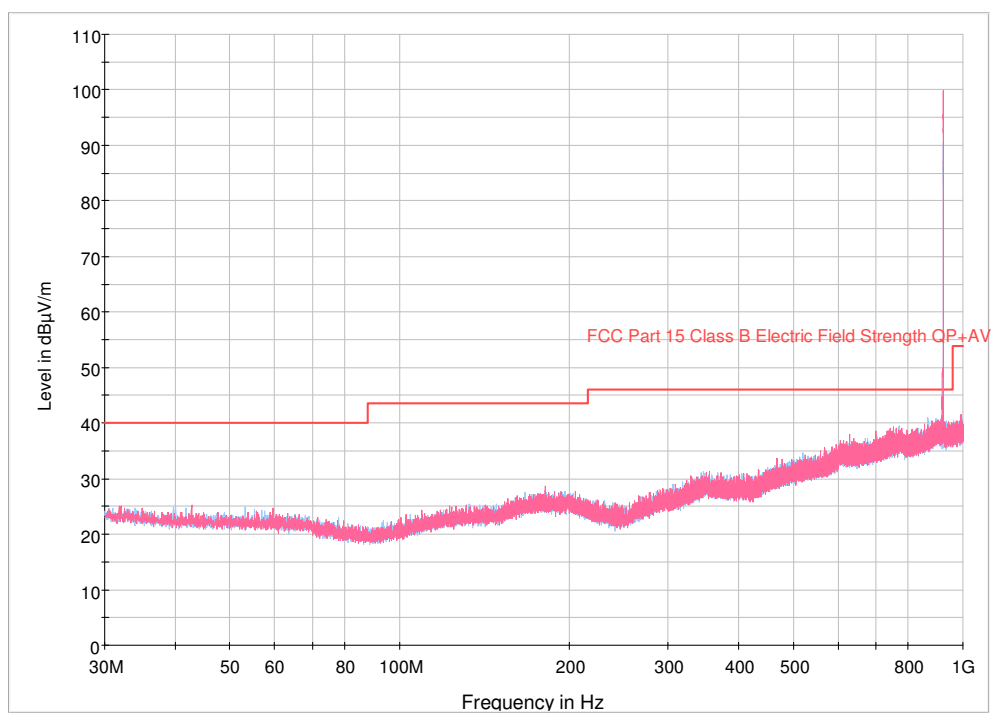
Note : Peak Graph - Vertical (Red), Peak Graph Horizontal (Blue), Tested with 6dB Attenuator

**Antenna-2, Channel 3 (914.325 MHz)**

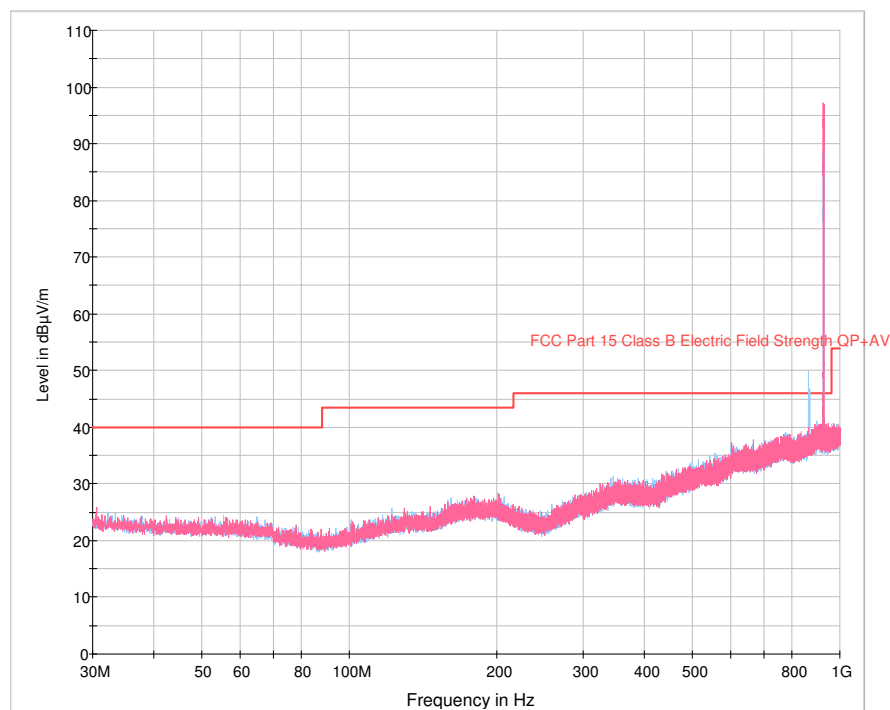
Note : Peak Graph - Vertical (Red), Peak Graph Horizontal (Blue), Tested with 6dB Attenuator

**Antenna-2, Channel 4 (915.325 MHz)**

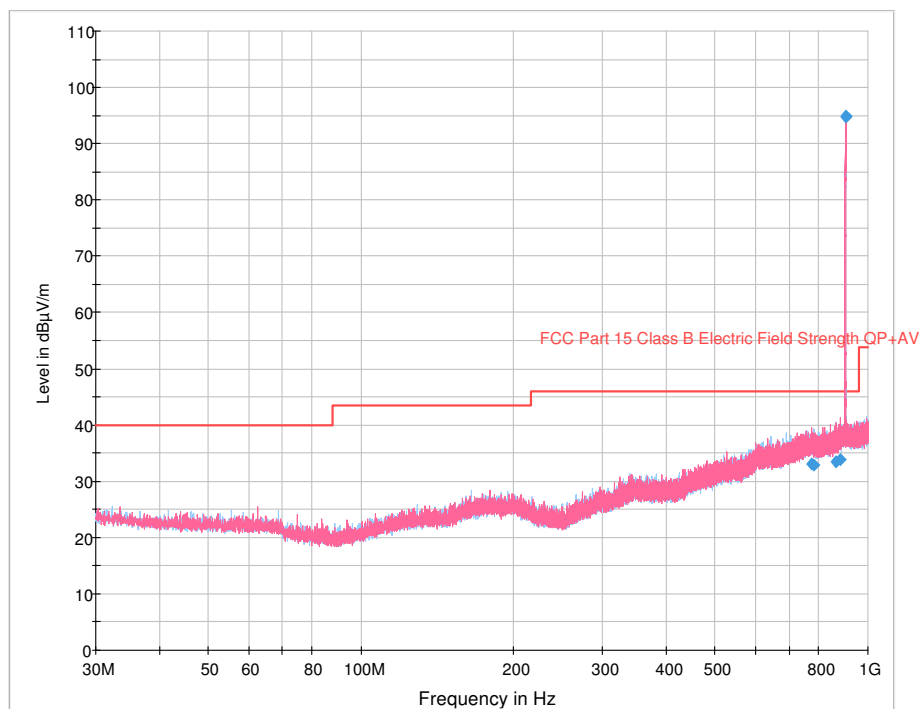
Note : Peak Graph - Vertical (Red), Peak Graph Horizontal (Blue), Tested with 6dB Attenuator

**Antenna-2, Channel 5 (921.575 MHz)**

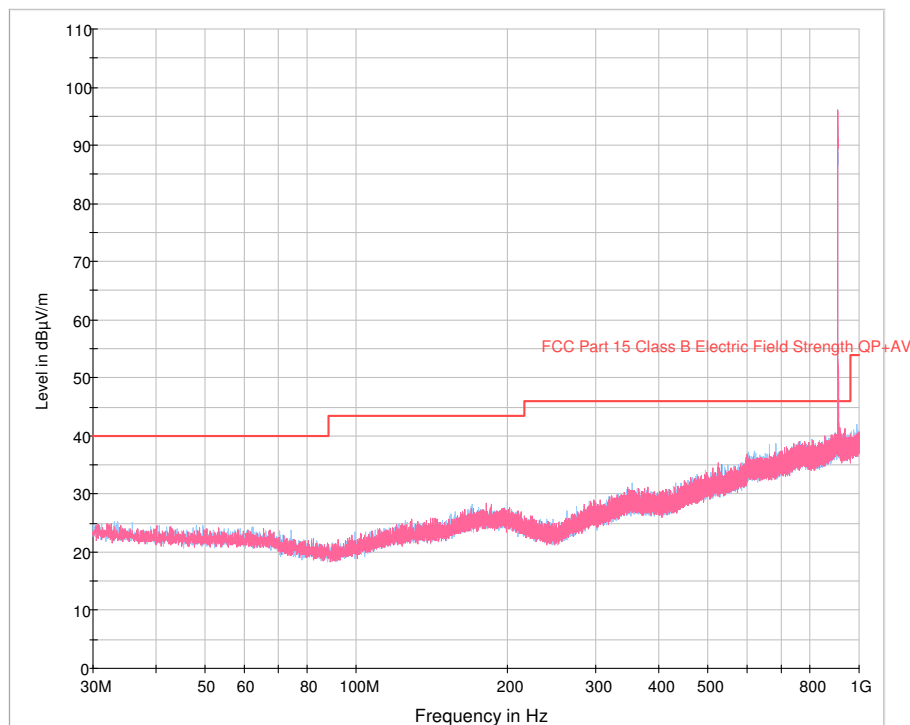
Note : Peak Graph - Vertical (Red), Peak Graph Horizontal (Blue), Tested with 6dB Attenuator

**Antenna-2, Channel 6 (927.125 MHz)**

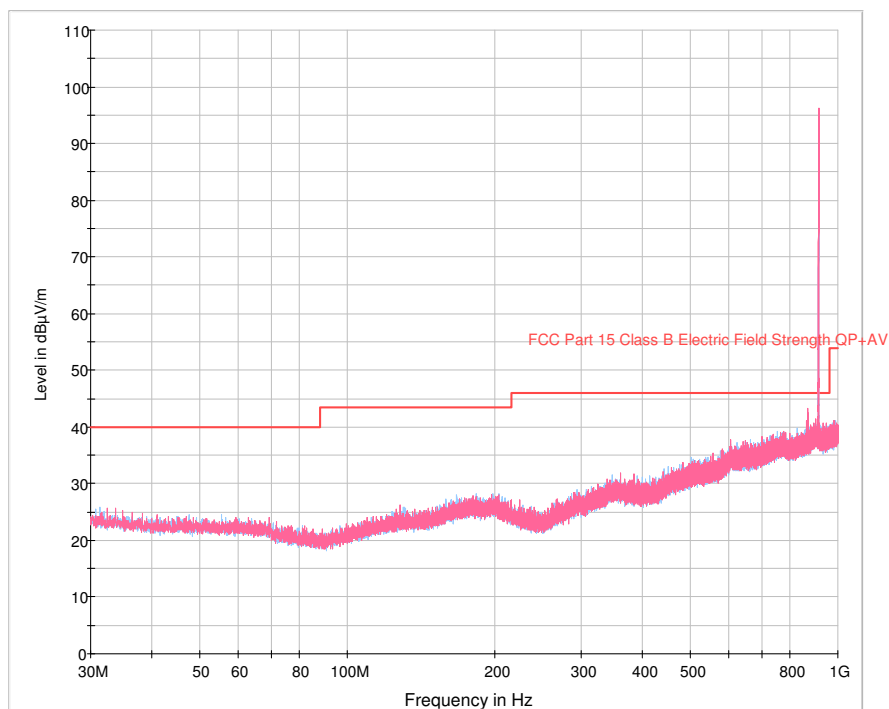
Note : Peak Graph - Vertical (Red), Peak Graph Horizontal (Blue), Tested with 6dB Attenuator

**Antenna-3, Channel 1 (902.875 MHz)**

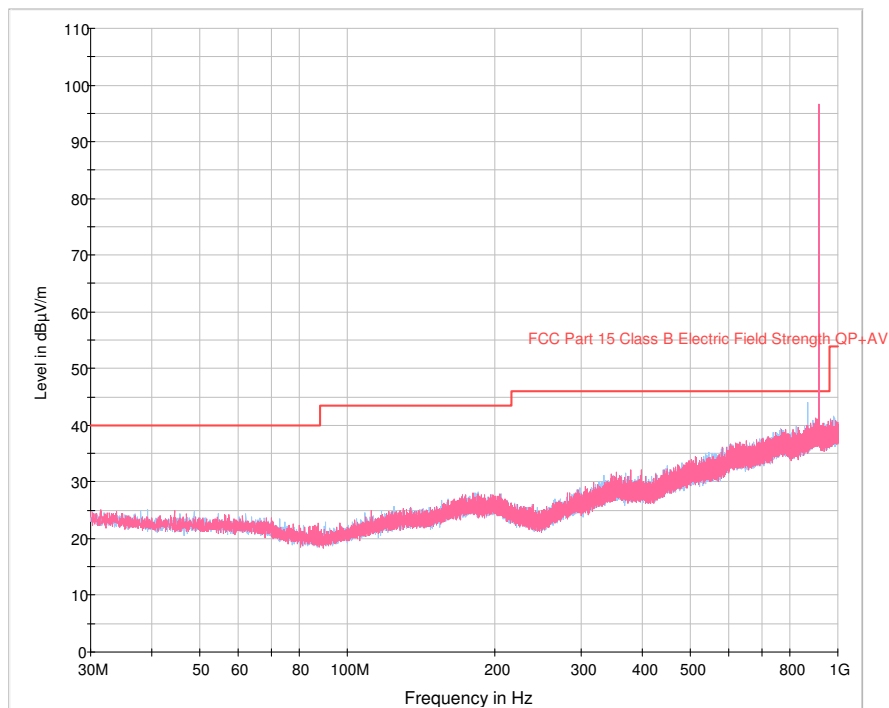
Note : Peak Graph - Vertical (Red), Peak Graph Horizontal (Blue), Tested with 6dB Attenuator

**Antenna-3, Channel 2 (908.425 MHz)**

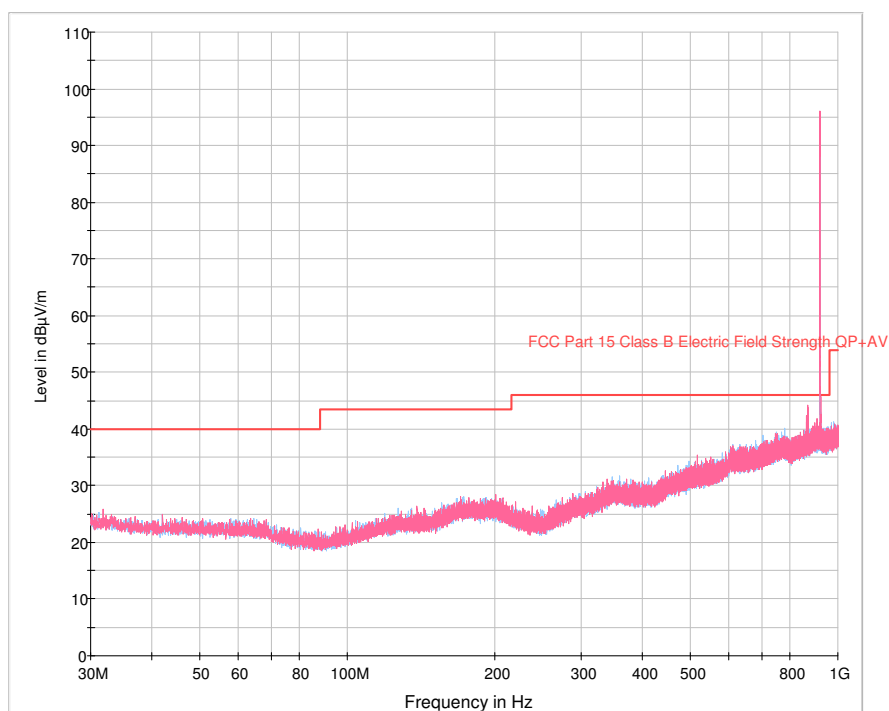
Note : Peak Graph - Vertical (Red), Peak Graph Horizontal (Blue), Tested with 6dB Attenuator

**Antenna-3, Channel 3 (914.325 MHz)**

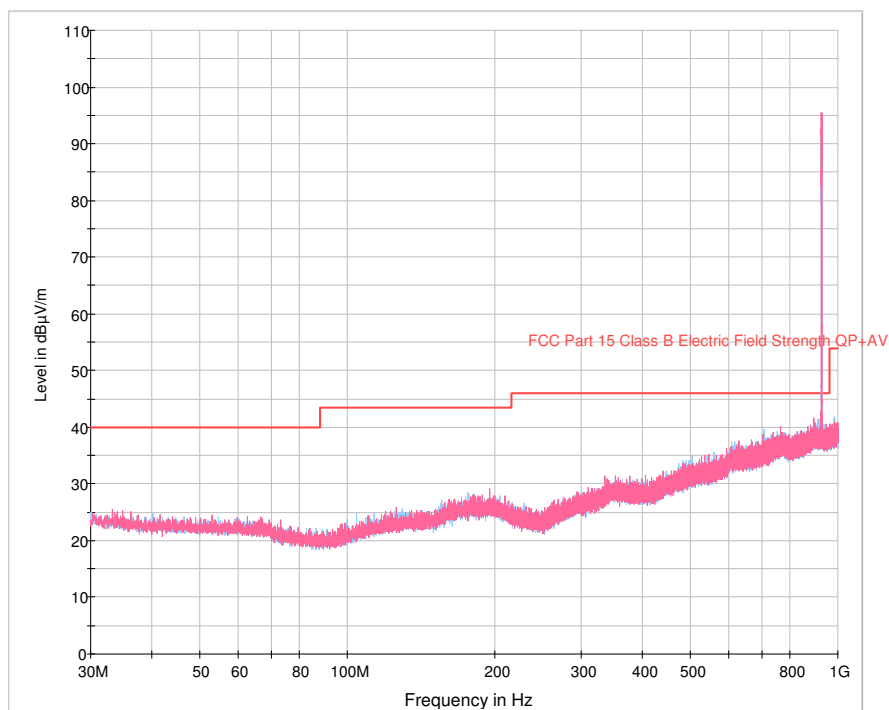
Note : Peak Graph - Vertical (Red), Peak Graph Horizontal (Blue), Tested with 6dB Attenuator

**Antenna-3, Channel 4 (915.325 MHz)**

Note : Peak Graph - Vertical (Red), Peak Graph Horizontal (Blue), Tested with 6dB Attenuator

**Antenna-3, Channel 5 (921.575 MHz)**

Note : Peak Graph - Vertical (Red), Peak Graph Horizontal (Blue), Tested with 6dB Attenuator

**Antenna-3, Channel 6 (927.125 MHz)**

Note : Peak Graph - Vertical (Red), Peak Graph Horizontal (Blue), Tested with 6dB Attenuator

TEST RESULT – 30 MHz to 1 GHz								
Channel	Measured Spurious Frequency	Quasi Peak	Height	Ant Pol	Azimuth	Margin	Limit @ 3m Distance	Results
#	MHz	dBμV/m	cm	H / V	deg	dB	dBμV/m	
Antenna-1								
CH1	775.45	32.78	300	H	84	13.20	46.00	Pass
CH1	775.57	32.82	300	V	289	13.20	46.00	Pass
CH1	826.60	32.62	300	H	110	13.40	46.00	Pass
CH1	888.68	33.98	200	V	335	12.00	46.00	Pass
CH1	903.03	104.58	100	V	266	-	-	Intentional Frequency
CH2	762.87	32.69	200	H	166	13.30	46.00	Pass
CH2	776.87	32.80	100	H	112	13.20	46.00	Pass
CH2	844.48	32.83	100	V	242	13.20	46.00	Pass
CH2	866.69	33.27	200	V	3	12.70	46.00	Pass
CH2	908.59	104.70	100	V	261	-	-	Intentional Frequency
CH3	732.41	31.94	300	H	264	14.10	46.00	Pass
CH3	762.87	32.71	300	V	284	13.30	46.00	Pass
CH3	875.00	33.59	200	V	207	12.40	46.00	Pass
CH3	889.48	34.14	100	V	252	11.90	46.00	Pass
CH3	914.48	104.54	100	V	270	-	-	Intentional Frequency
CH4	754.98	32.61	200	H	165	13.40	46.00	Pass
CH4	776.06	32.95	200	V	277	13.10	46.00	Pass
CH4	879.24	33.73	300	V	197	12.30	46.00	Pass
CH4	887.29	34.10	200	V	182	11.90	46.00	Pass
CH4	915.19	104.62	100	V	267	-	-	Intentional Frequency
CH5	775.90	32.99	200	H	15	13.00	46.00	Pass
CH5	776.61	32.87	200	V	277	13.10	46.00	Pass
CH5	872.09	33.49	100	V	322	12.50	46.00	Pass
CH5	881.63	33.90	100	H	144	12.10	46.00	Pass
CH5	921.75	103.13	100	V	267	-	-	Intentional Frequency
CH6	763.84	32.87	200	H	153	13.10	46.00	Pass
CH6	768.14	32.88	100	H	150	13.10	46.00	Pass
CH6	818.74	32.65	200	H	112	13.30	46.00	Pass
CH6	885.44	34.04	300	H	203	12.00	46.00	Pass
CH6	927.28	103.48	100	V	270	-	-	Intentional Frequency
Antenna-2								
CH1	775.96	33.53	100	V	30	12.50	46.00	Pass
CH1	778.78	33.41	200	H	81	12.60	46.00	Pass
CH1	885.96	34.78	100	H	266	11.20	46.00	Pass
CH1	889.61	34.93	300	V	315	11.10	46.00	Pass
CH1	903.03	103.61	100	V	242	-	-	Intentional Frequency
CH2	744.47	32.19	300	H	47	13.80	46.00	Pass
CH2	757.02	32.49	300	V	268	13.50	46.00	Pass

CH2	882.18	33.67	200	V	222	12.30	46.00	Pass
CH2	889.42	33.96	200	V	351	12.00	46.00	Pass
CH2	908.59	103.50	100	V	272	-	-	Intentional Frequency
CH3	774.80	32.89	200	H	342	13.10	46.00	Pass
CH3	775.51	32.88	100	H	192	13.10	46.00	Pass
CH3	874.06	33.51	100	H	160	12.50	46.00	Pass
CH3	879.91	33.63	200	V	336	12.40	46.00	Pass
CH3	914.19	104.35	100	V	266	-	-	Intentional Frequency
CH4	758.41	32.57	200	H	160	13.40	46.00	Pass
CH4	758.76	32.51	200	V	193	13.50	46.00	Pass
CH4	875.90	33.41	200	V	257	12.60	46.00	Pass
CH4	888.51	33.98	100	V	66	12.00	46.00	Pass
CH4	915.19	105.23	100	V	239	-	-	Intentional Frequency
CH5	753.94	32.47	300	V	77	13.50	46.00	Pass
CH5	770.95	32.79	300	H	66	13.20	46.00	Pass
CH5	866.11	33.29	300	H	212	12.70	46.00	Pass
CH5	866.69	33.29	300	H	254	12.70	46.00	Pass
CH5	921.75	104.33	100	V	240	-	-	Intentional Frequency
CH6	770.60	32.67	100	H	180	13.30	46.00	Pass
CH6	774.73	32.73	100	H	316	13.30	46.00	Pass
CH6	865.69	33.12	100	H	0	12.90	46.00	Pass
CH6	866.11	33.11	100	H	9	12.90	46.00	Pass
CH6	927.28	102.92	100	V	298	-	-	Intentional Frequency
Antenna-3								
CH1	775.77	33.02	100	V	149	13.00	46.00	Pass
CH1	781.43	32.79	200	H	140	13.20	46.00	Pass
CH1	866.30	33.53	100	H	0	12.50	46.00	Pass
CH1	881.56	33.89	100	V	178	12.10	46.00	Pass
CH1	903.03	100.92	100	V	277	-	-	Intentional Frequency
CH2	763.13	32.82	100	H	109	13.20	46.00	Pass
CH2	778.74	32.87	300	V	274	13.10	46.00	Pass
CH2	879.40	33.84	100	V	120	12.20	46.00	Pass
CH2	884.38	34.01	300	V	59	12.00	46.00	Pass
CH2	908.59	101.37	100	V	267	-	-	Intentional Frequency
CH3	754.69	32.70	200	H	62	13.30	46.00	Pass
CH3	774.86	33.06	200	V	257	12.90	46.00	Pass
CH3	867.30	33.47	200	V	238	12.50	46.00	Pass
CH3	867.50	33.49	200	V	248	12.50	46.00	Pass
CH3	914.48	102.01	100	V	270	-	-	Intentional Frequency
CH4	764.90	32.91	100	H	161	13.10	46.00	Pass
CH4	782.17	32.76	200	V	136	13.20	46.00	Pass
CH4	867.30	33.52	100	H	0	12.50	46.00	Pass
CH4	879.53	33.83	100	V	102	12.20	46.00	Pass

CH4	915.19	102.15	100	V	267	-	-	Intentional Frequency
CH5	769.92	33.00	300	H	152	13.00	46.00	Pass
CH5	780.13	32.96	100	H	170	13.00	46.00	Pass
CH5	866.14	33.45	100	V	179	12.50	46.00	Pass
CH5	866.30	33.52	100	V	164	12.50	46.00	Pass
CH5	921.75	100.53	100	V	270	-	-	Intentional Frequency
CH6	705.83	31.62	200	H	106	14.40	46.00	Pass
CH6	764.87	32.92	200	V	0	13.10	46.00	Pass
CH6	881.30	33.94	200	V	0	12.10	46.00	Pass
CH6	889.39	34.21	300	H	82	11.80	46.00	Pass
CH6	927.28	101.12	100	V	270	-	-	Intentional Frequency
NOTE: Measured Field Strength (dBuV/m) (9 KHz to 1GHz) = Receiver Readings (dBuV) + Antenna Factor (dB/m) + Cable loss (dB) + 6dB Attenuator								