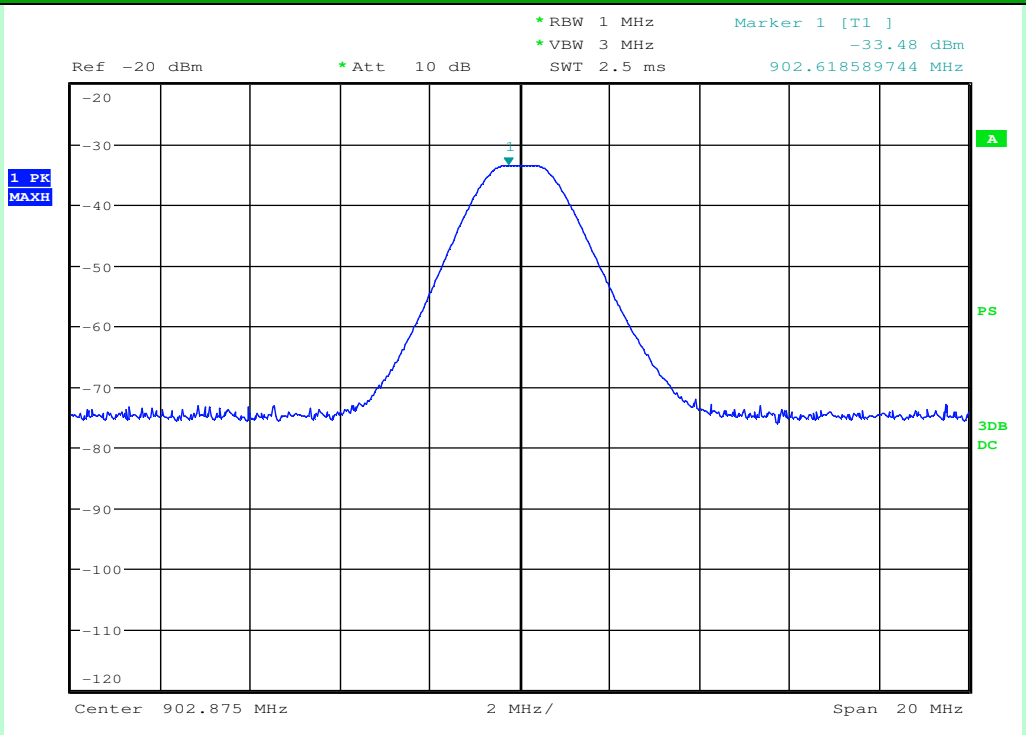
3.5 EFFECTIVE ISOTROPIC RADIATED POWER

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

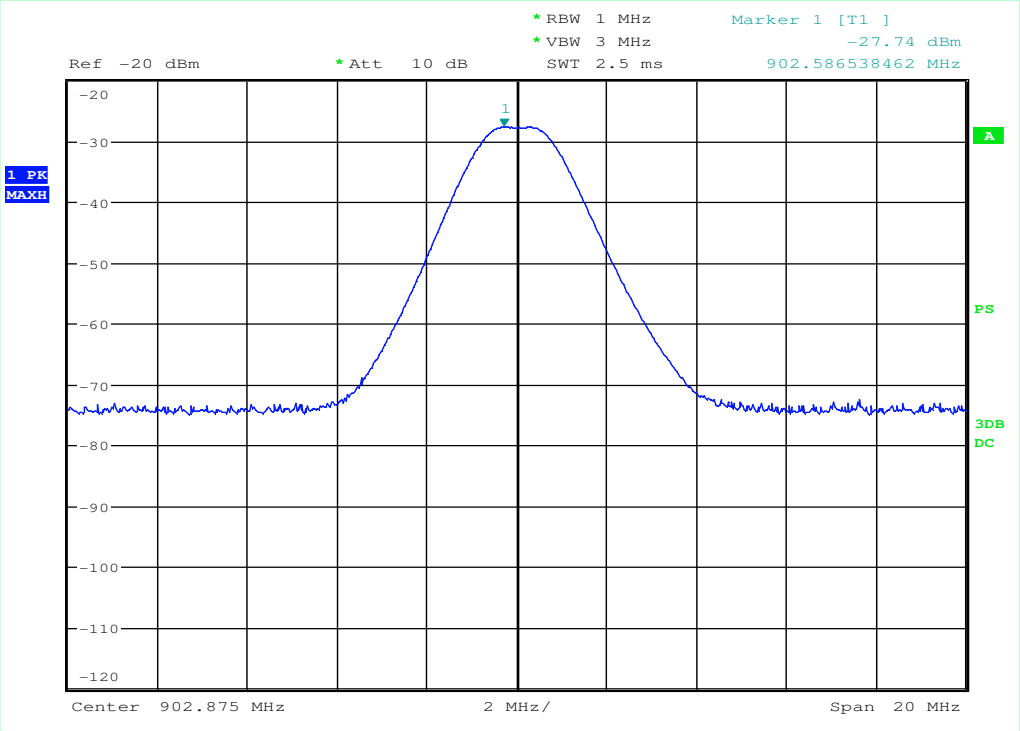
Y/N	Equipment	Make	Model	Sl. No.	Cal Due Date
Y	EMI Test Receiver	R&S	ESU26	100525	06-July-2017
Y	3m Semi Anechoic Chamber	ETS Lindgren	DKE 6X7 DBL.DR	1625	26-Jul-2018
Y	Bilog Antenna	ETS Lindgren	HLP3003C	130524	03-Jun-2017
Y	RF cable (9KHz to 1GHz)	ENS Microwave	MNS-MNS	11202012	22-Feb-2018
Y	RF cable (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



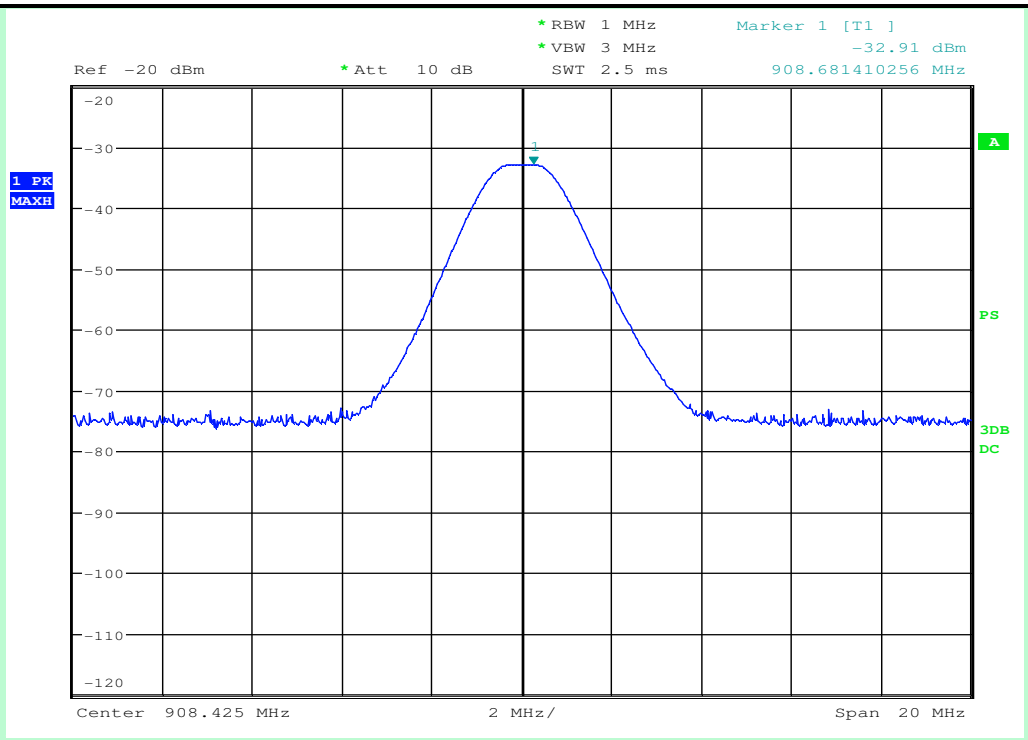
Antenna-1, Channel 1 (902.875 MHz)

Note : Peak Graph - Horizontal polarization



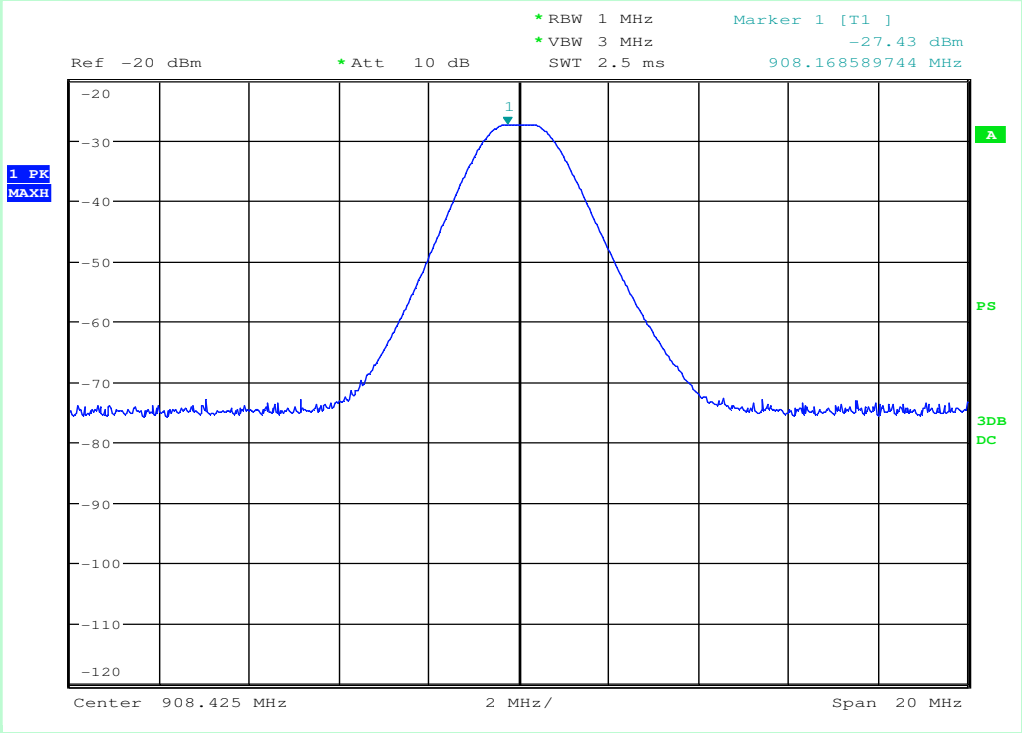
Antenna-1, Channel 1 (902.875 MHz)

Note : Peak Graph - Vertical polarization



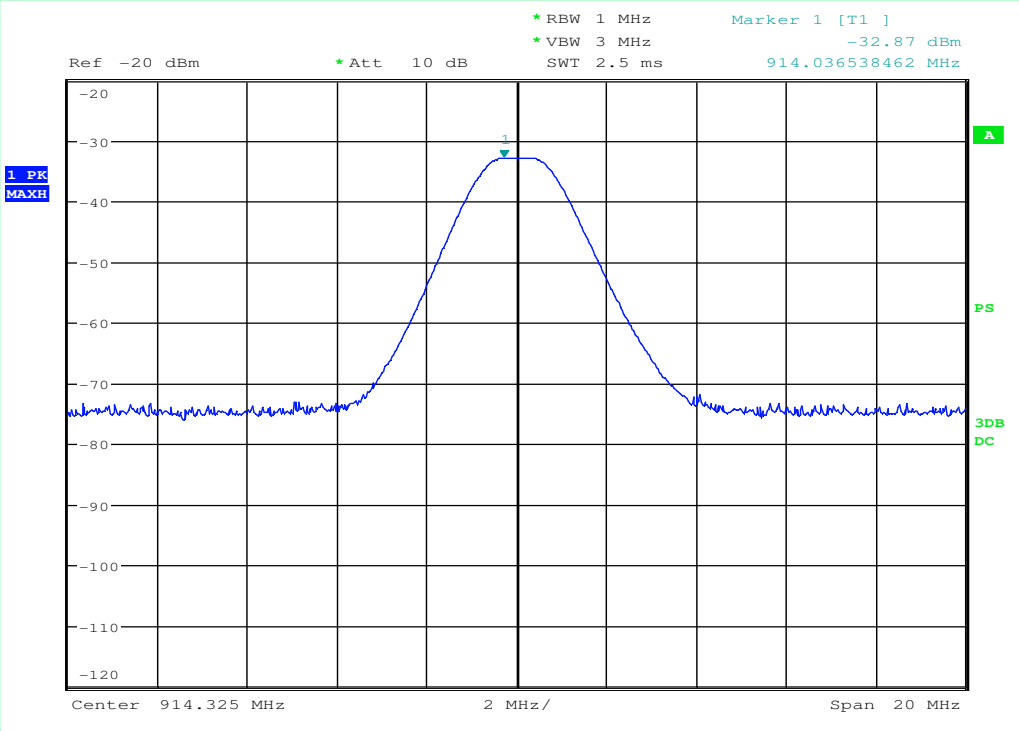
Antenna-1, Channel 2 (908.425 MHz)

Note : Peak Graph - Horizontal polarization



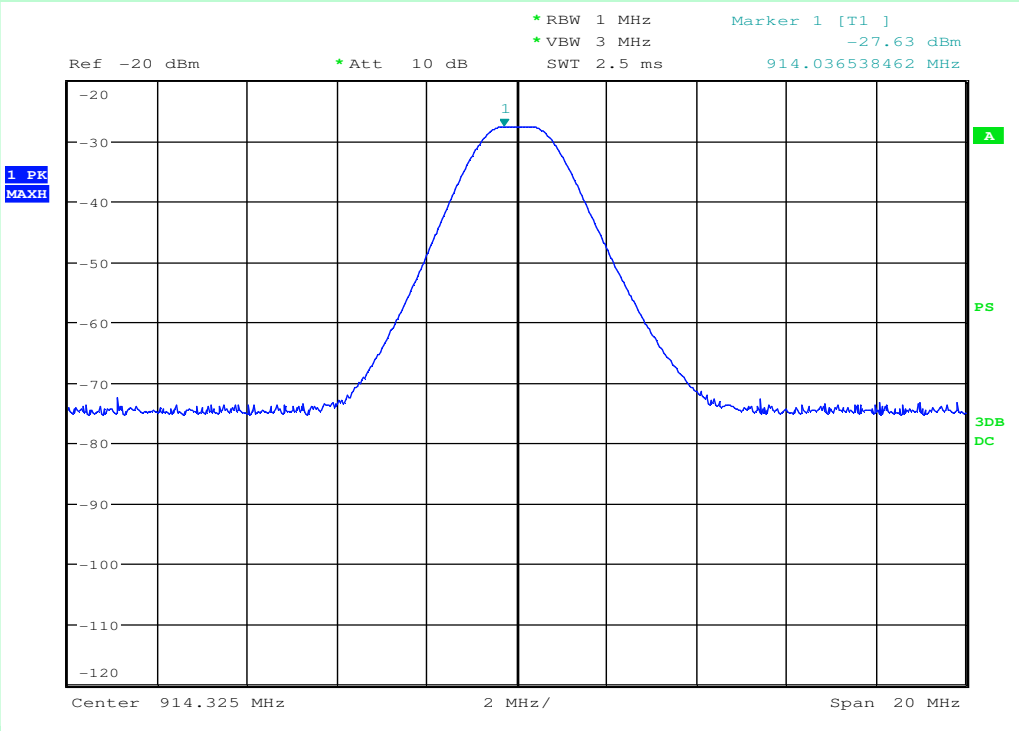
Antenna-1, Channel 2 (908.425 MHz)

Note : Peak Graph - Vertical polarization



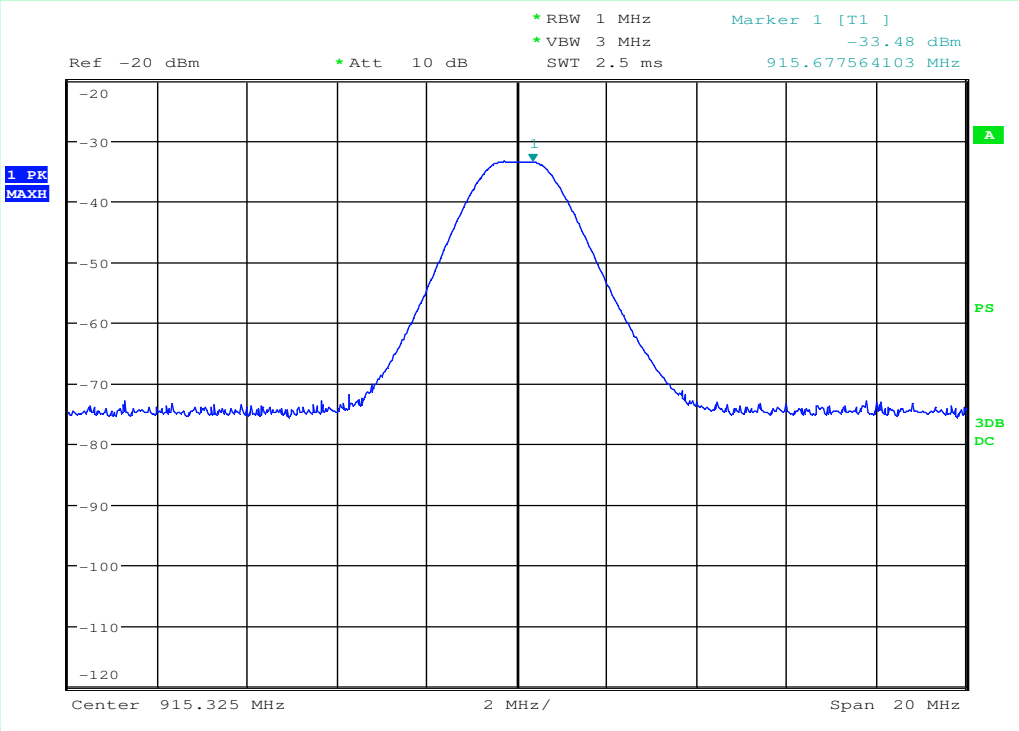
Antenna-1, Channel 3 (914.325MHz)

Note : Peak Graph - Horizontal polarization



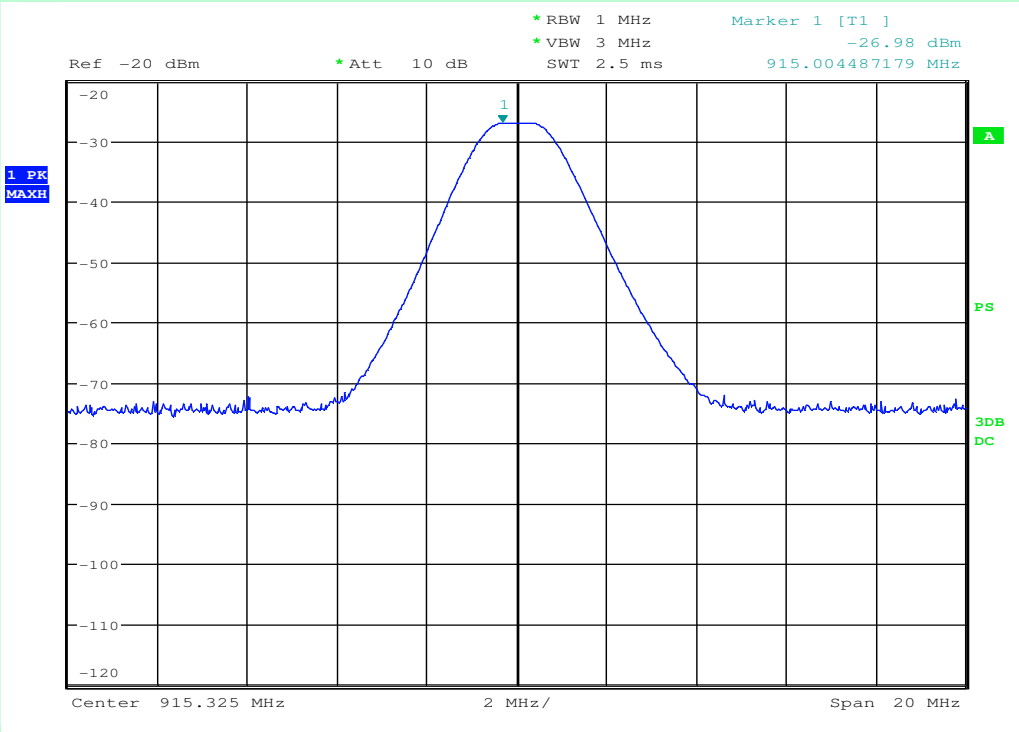
Antenna-1, Channel 3 (914.325 MHz)

Note : Peak Graph - Vertical polarization



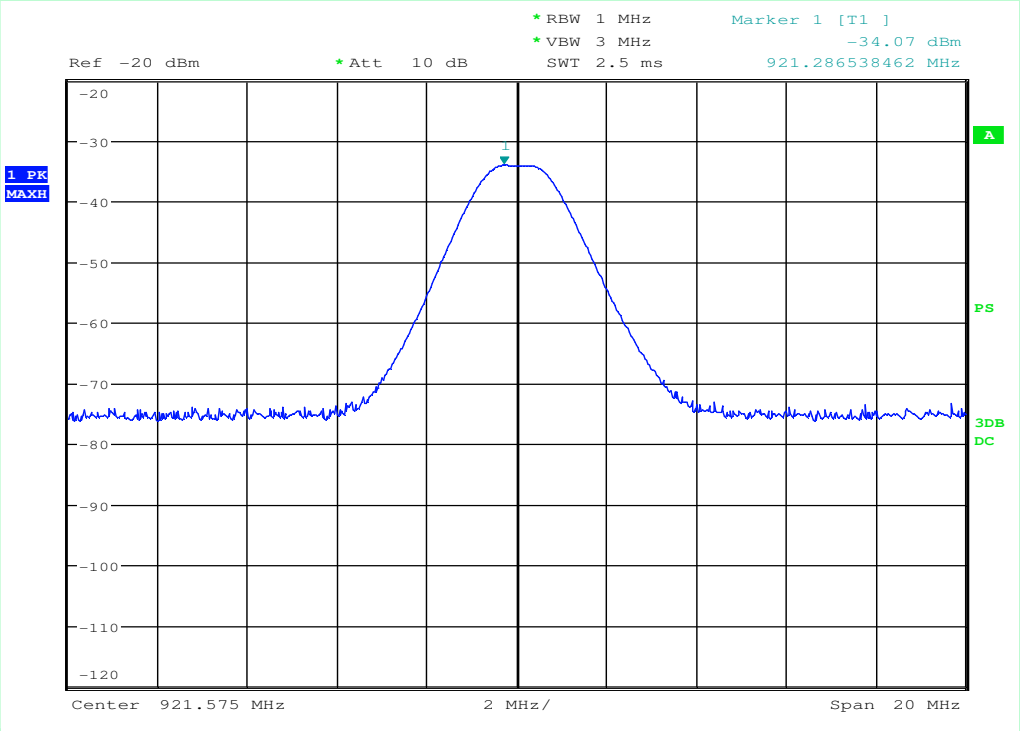
Antenna-1, Channel 4 (915.325 MHz)

Note : Peak Graph - Horizontal polarization



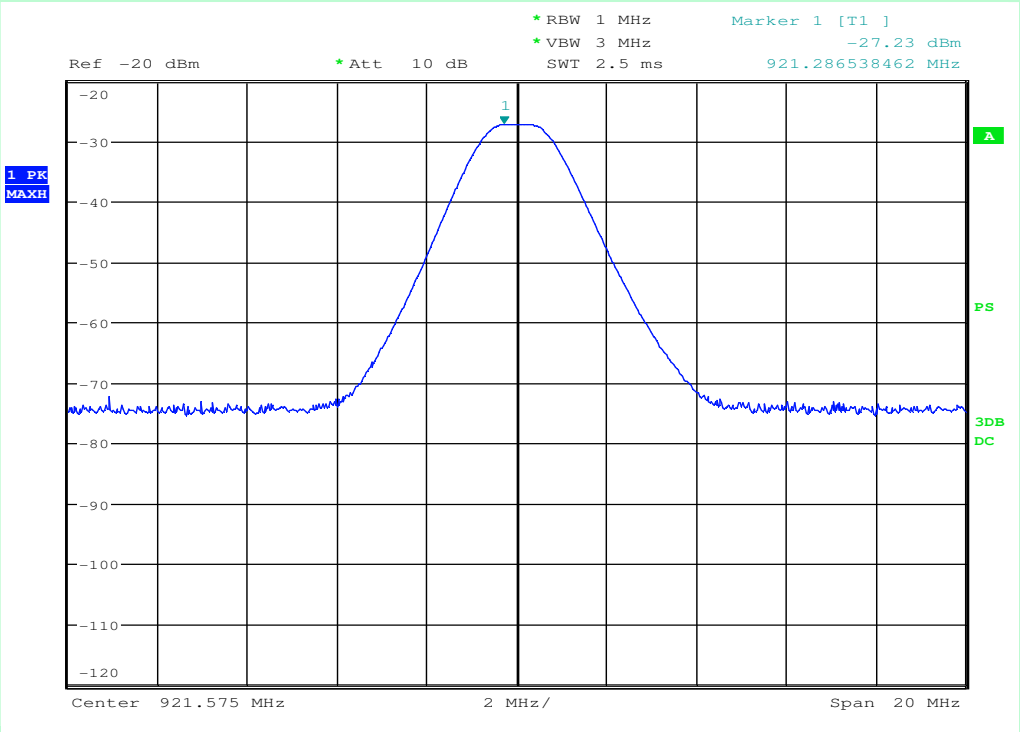
Antenna-1, Channel 4 (915.325 MHz)

Note : Peak Graph - Vertical polarization



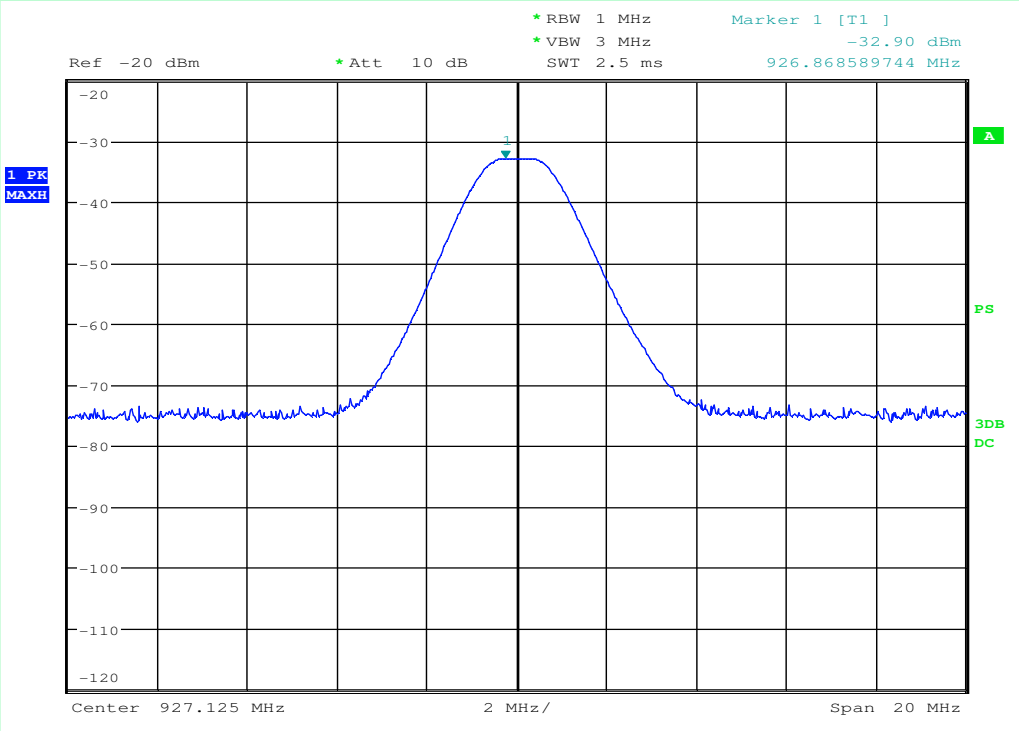
Antenna-1, Channel 5 (921.575 MHz)

Note : Peak Graph - Horizontal polarization



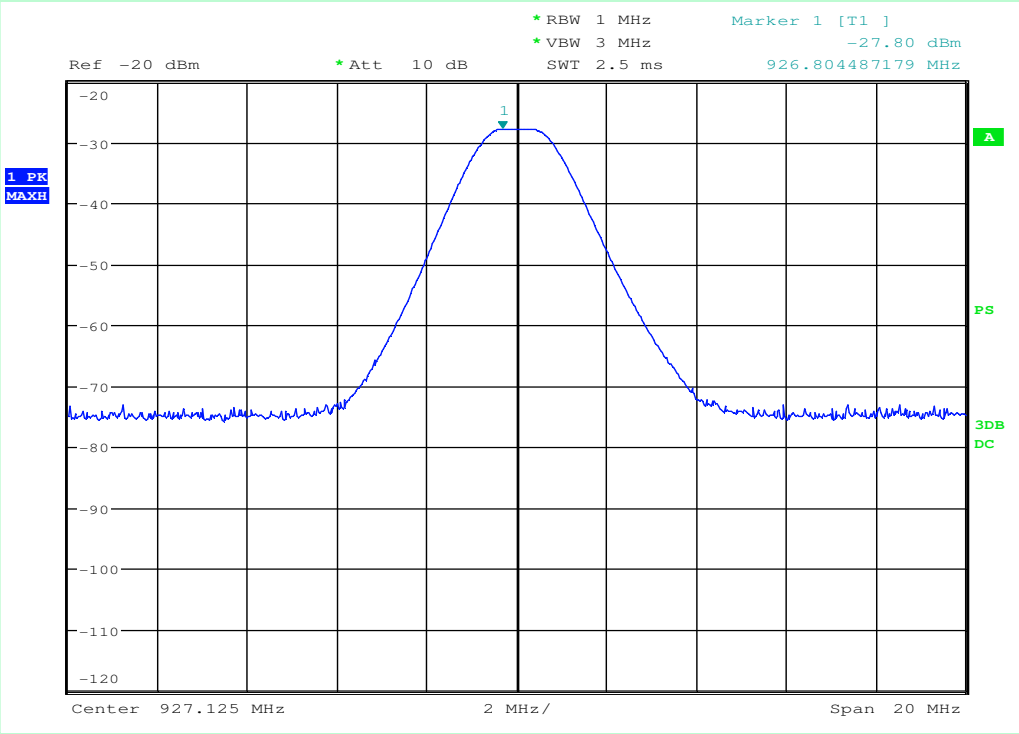
Antenna-1, Channel 5 (921.575 MHz)

Note : Peak Graph - Vertical polarization



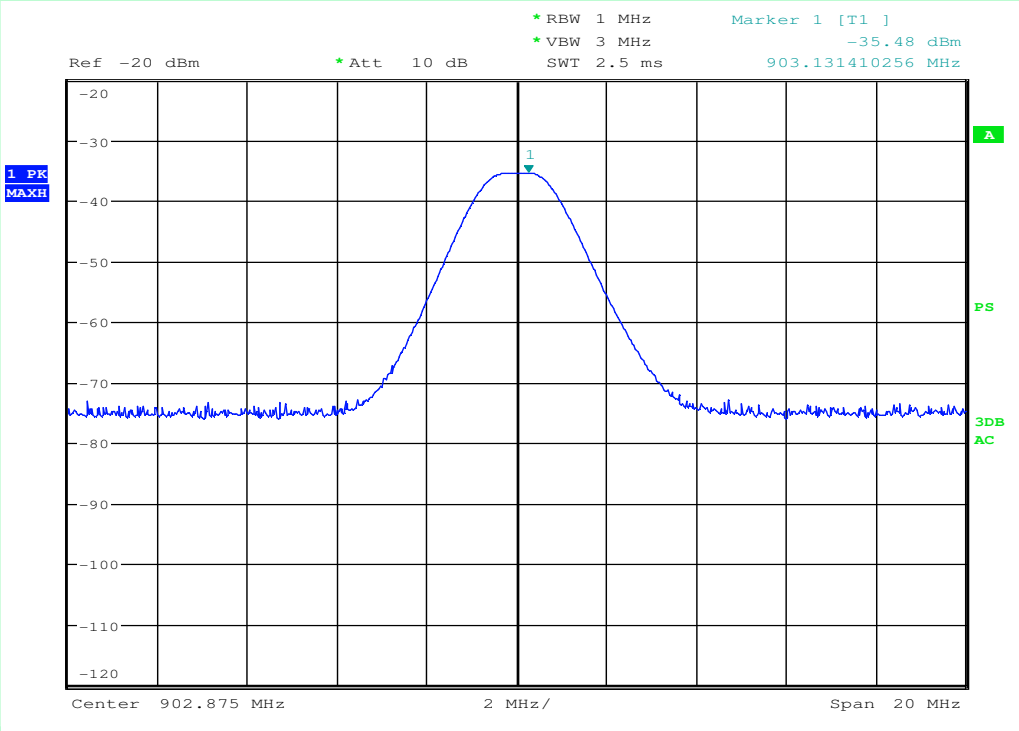
Antenna-1, Channel 6 (927.125 MHz)

Note : Peak Graph - Horizontal polarization



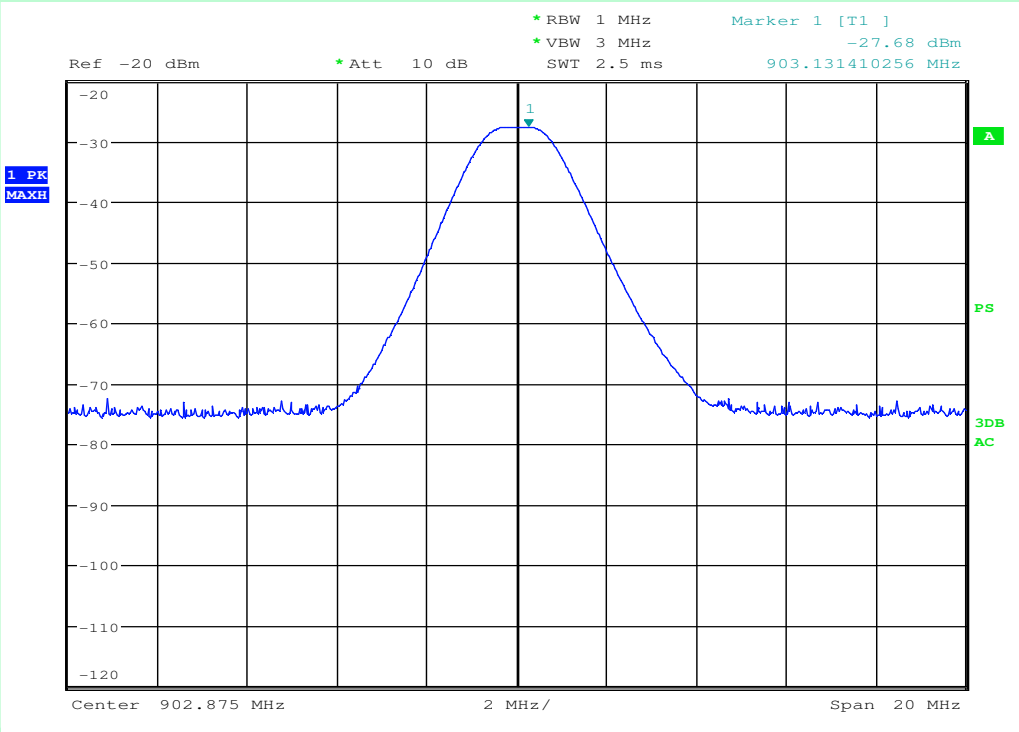
Antenna-1, Channel 6 (927.125 MHz)

Note : Peak Graph - Vertical polarization



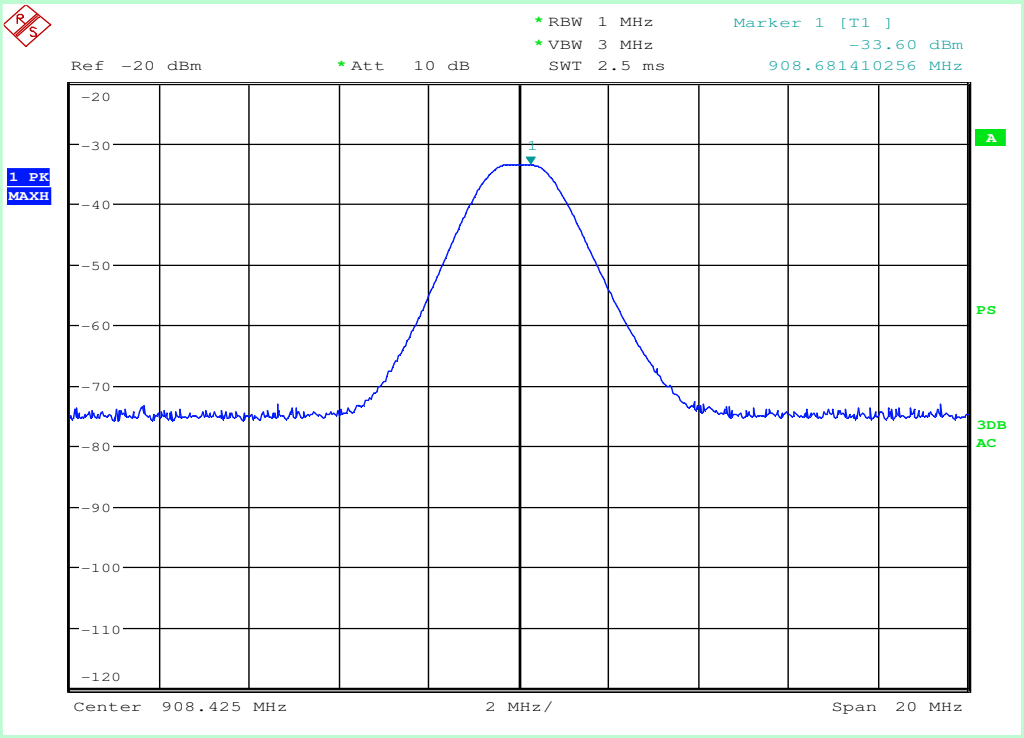
Antenna-2, Channel 1 (902.875 MHz)

Note : Peak Graph - Horizontal polarization



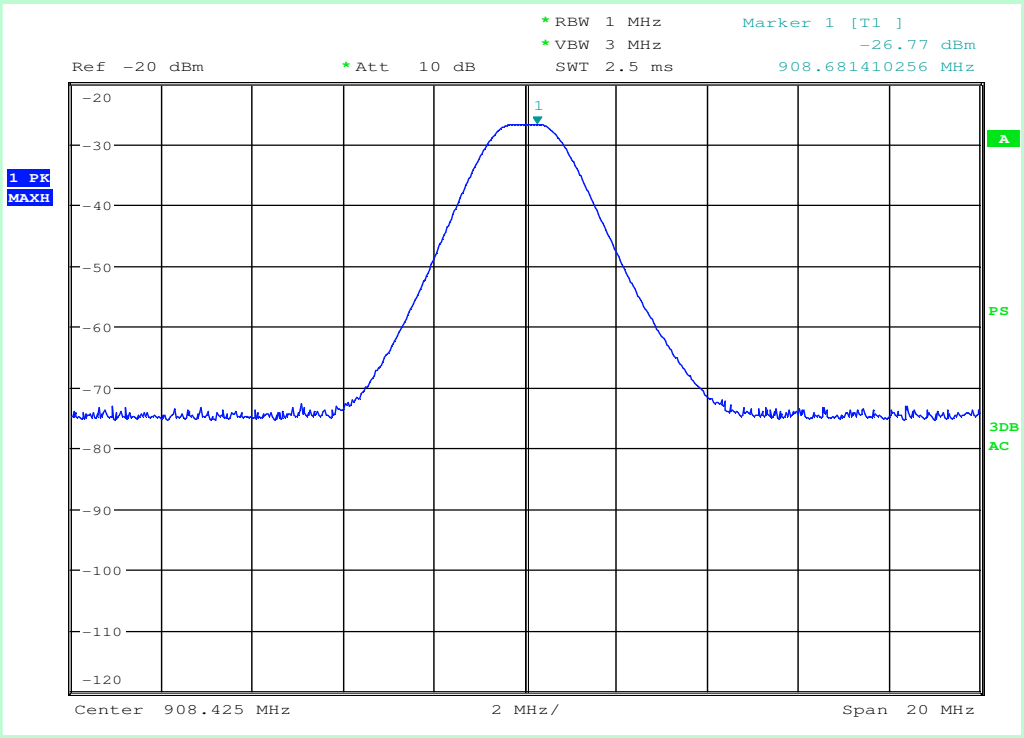
Antenna-2, Channel 1 (902.875 MHz)

Note : Peak Graph - Vertical polarization



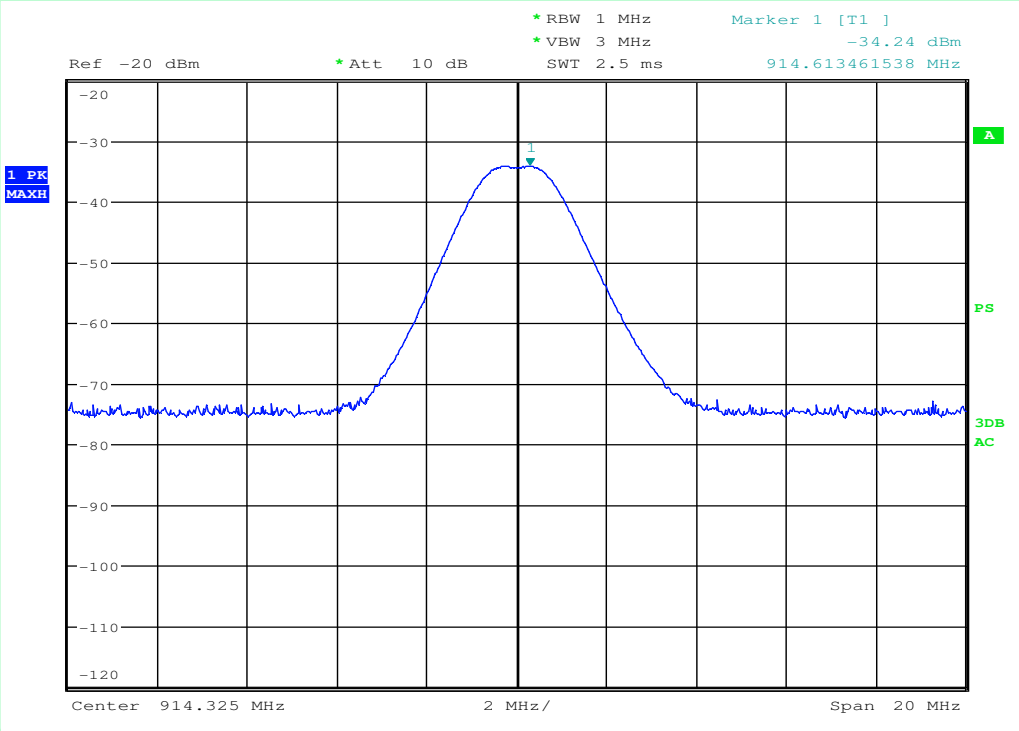
Antenna-2, Channel 2 (908.425 MHz)

Note : Peak Graph - Horizontal polarization



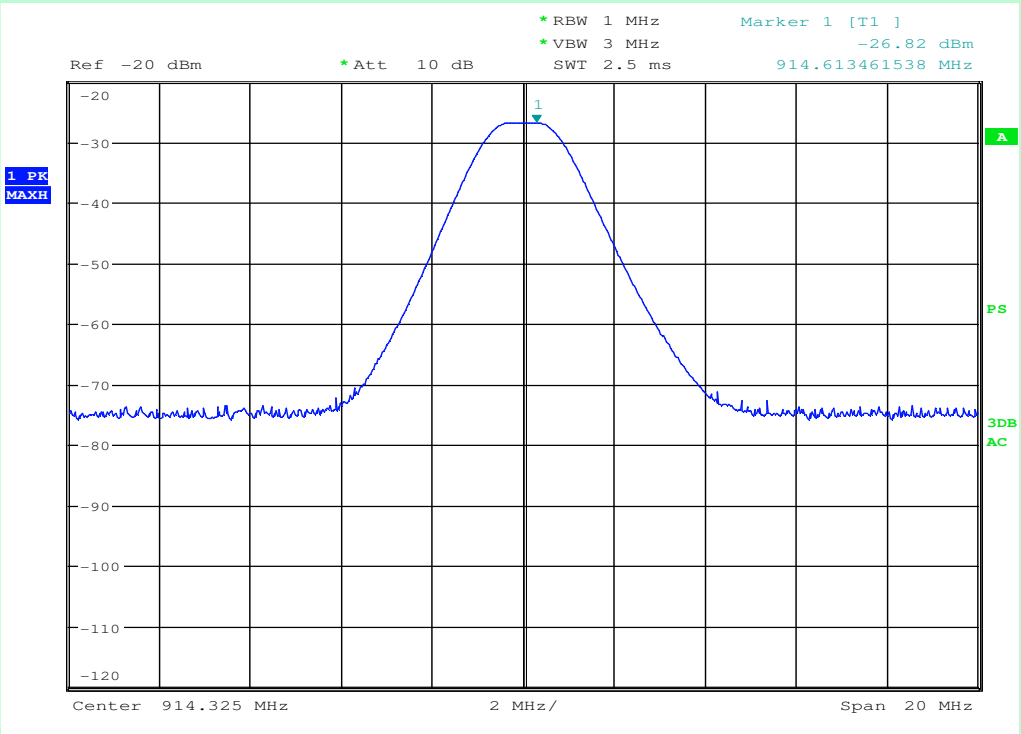
Antenna-2, Channel 2 (908.425 MHz)

Note : Peak Graph - Vertical polarization



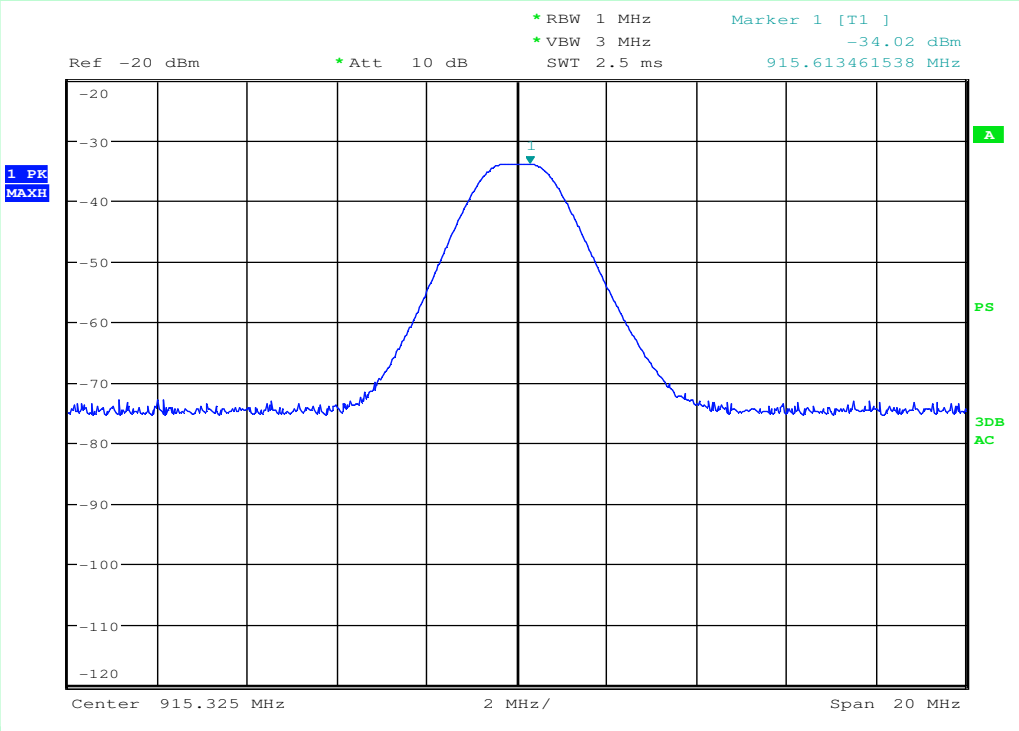
Antenna-2, Channel 3 (914.325 MHz)

Note : Peak Graph - Horizontal polarization



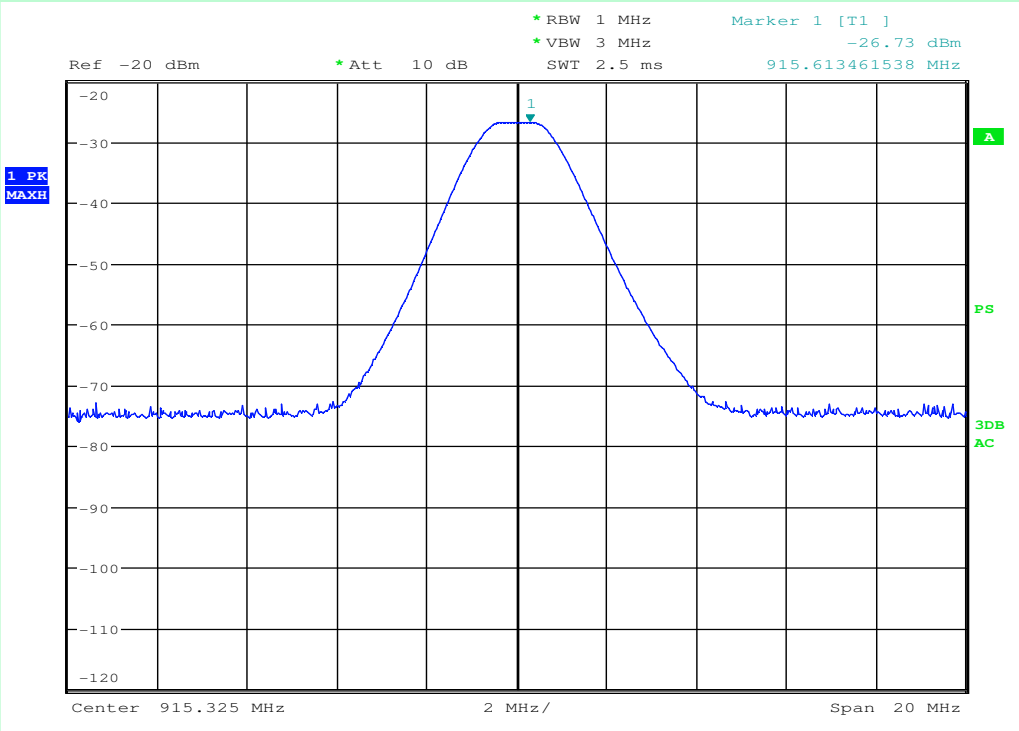
Antenna-2, Channel 3 (914.325 MHz)

Note : Peak Graph - Vertical polarization



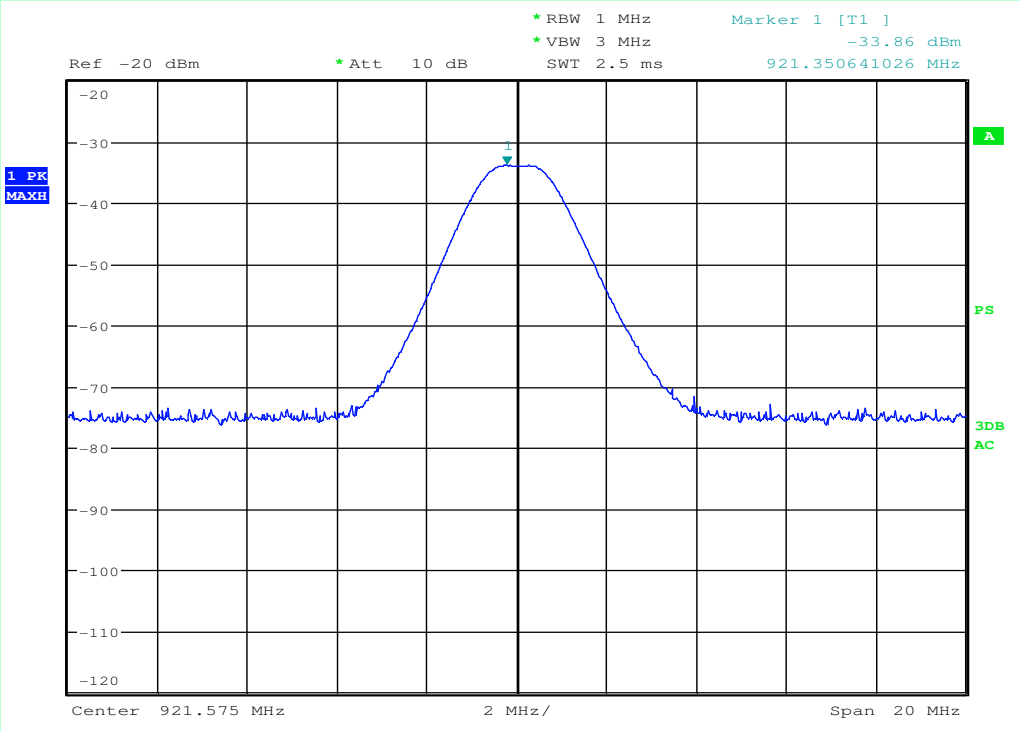
Antenna-2, Channel 4 (915.325 MHz)

Note : Peak Graph - Horizontal polarization



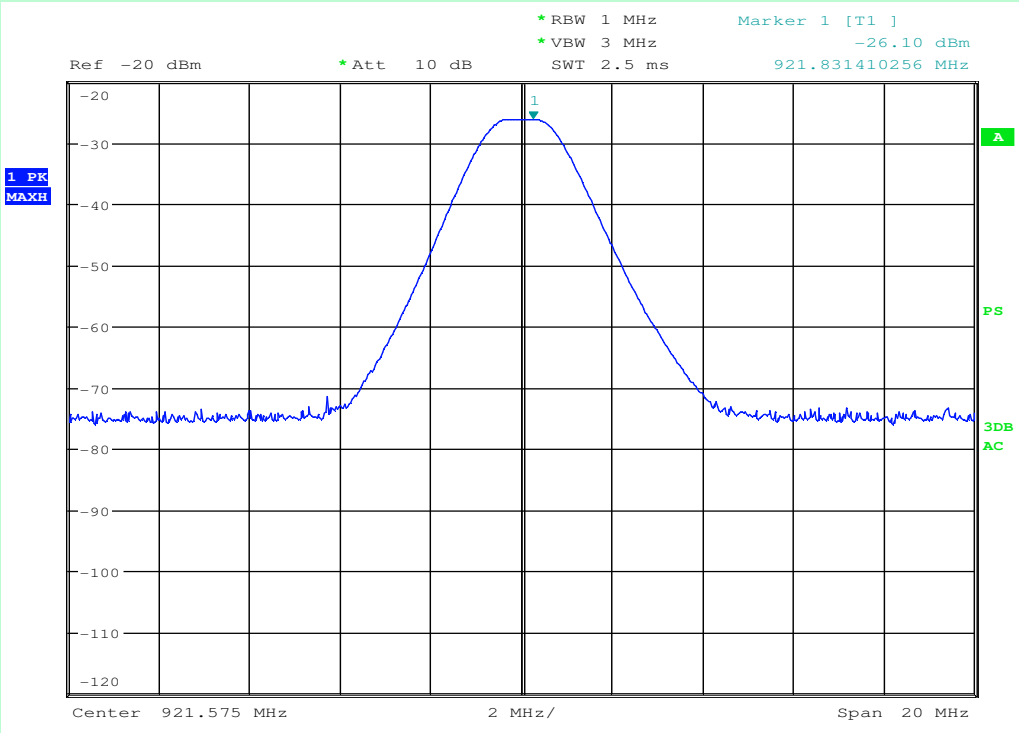
Antenna-2, Channel 4 (915.325 MHz)

Note : Peak Graph - Vertical polarization



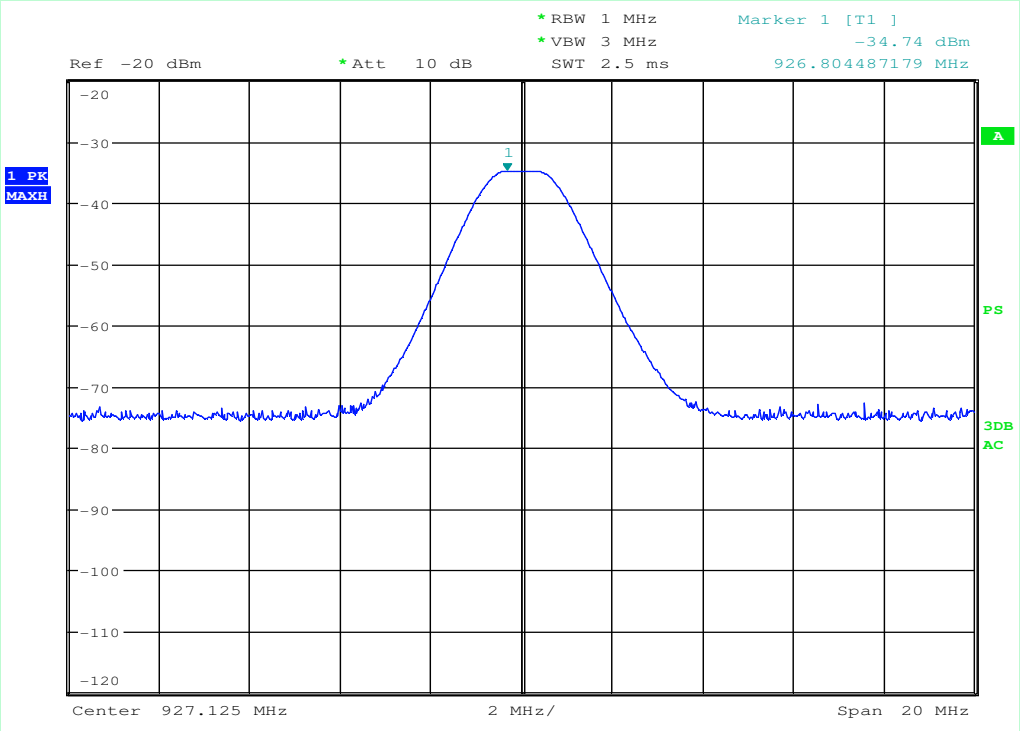
Antenna-2, Channel 5 (921.575 MHz)

Note : Peak Graph - Horizontal polarization



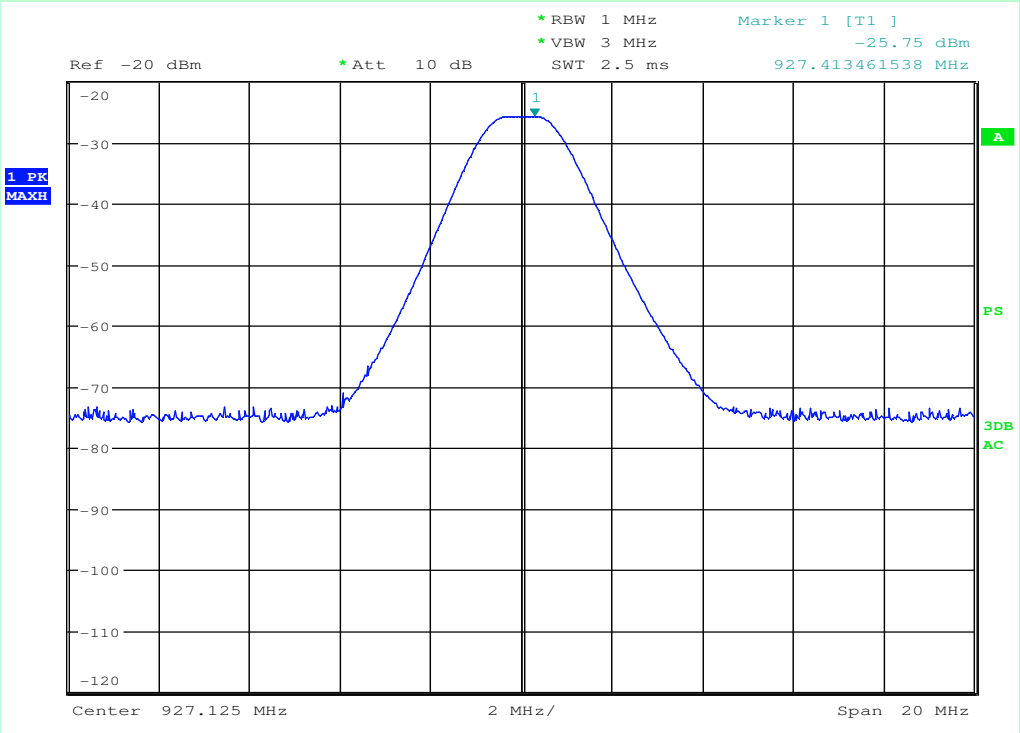
Antenna-2, Channel 5 (921.575MHz)

Note : Peak Graph - Vertical polarization



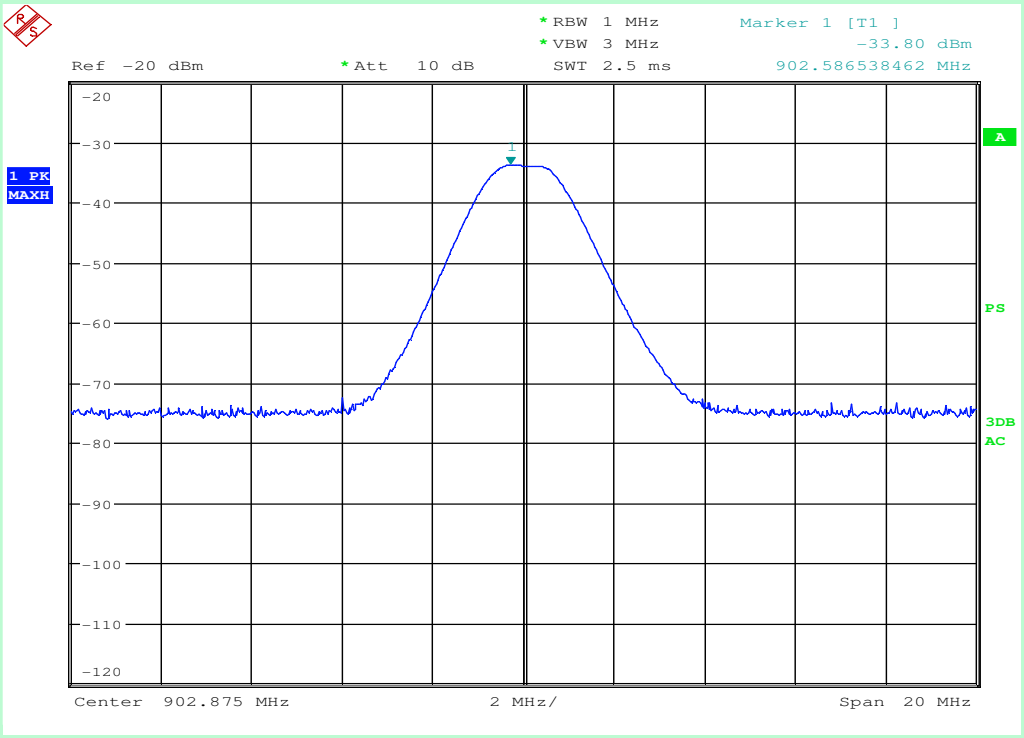
Antenna-2, Channel 6 (927.125 MHz)

Note : Peak Graph - Horizontal polarization



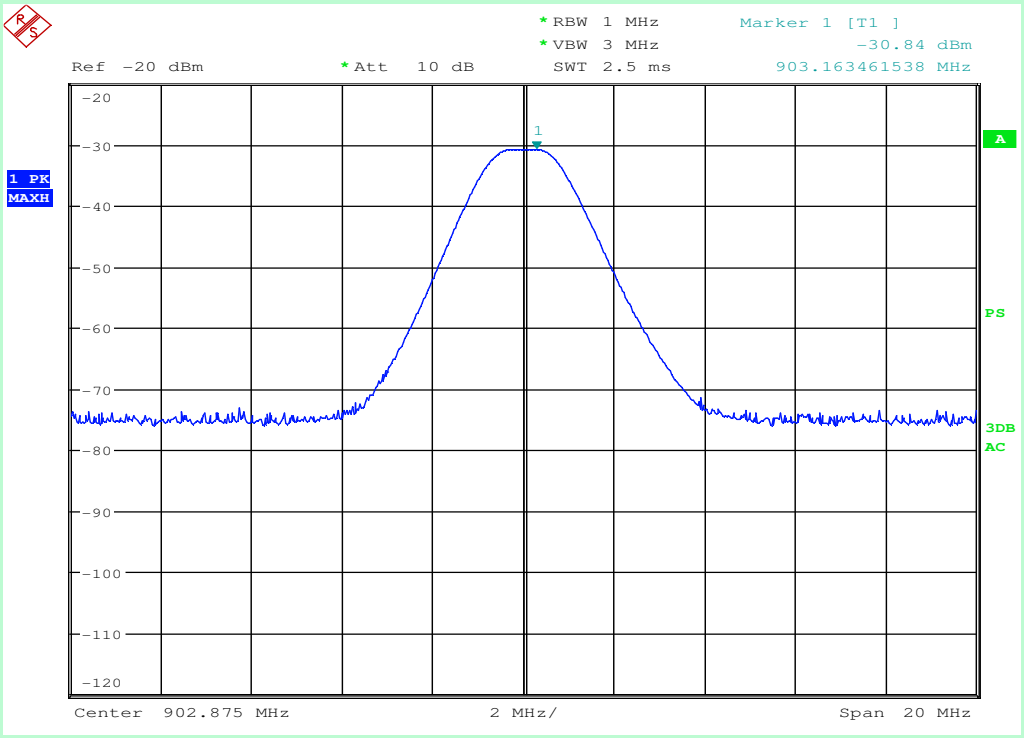
Antenna-2, Channel 6 (927.125 MHz)

Note : Peak Graph - Vertical polarization



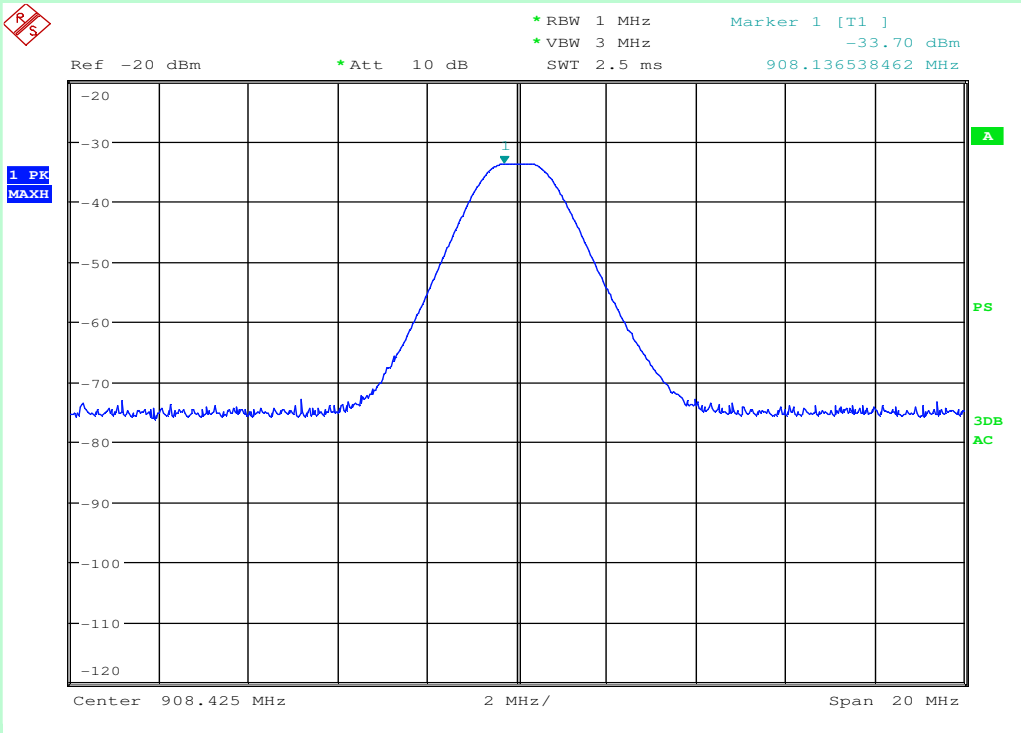
Antenna-3, Channel 1 (902.875 MHz)

Note : Peak Graph - Horizontal polarization



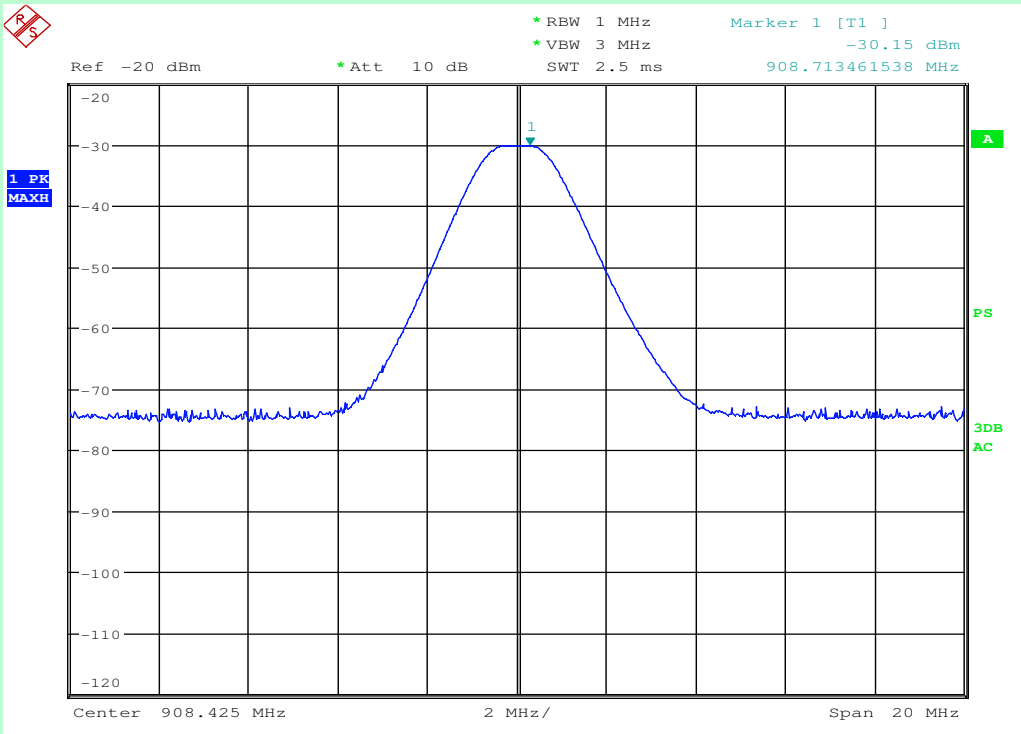
Antenna-3, Channel 1 (902.875 MHz)

Note : Peak Graph - Vertical polarization



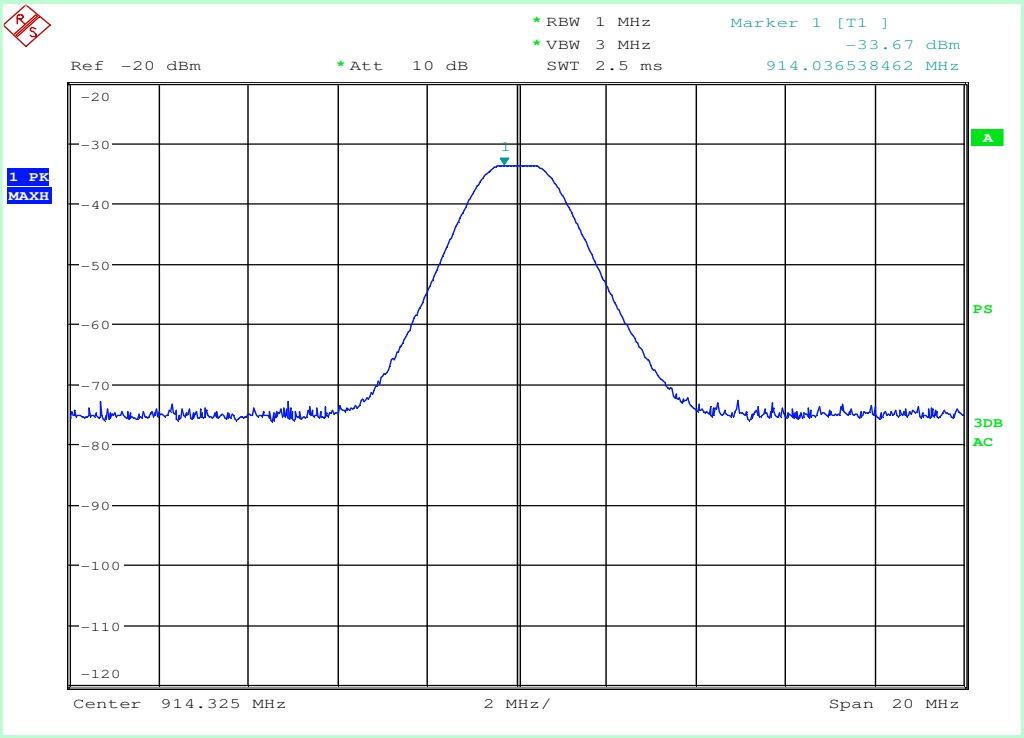
Antenna-3, Channel 2 (908.425 MHz)

Note : Peak Graph - Horizontal polarization



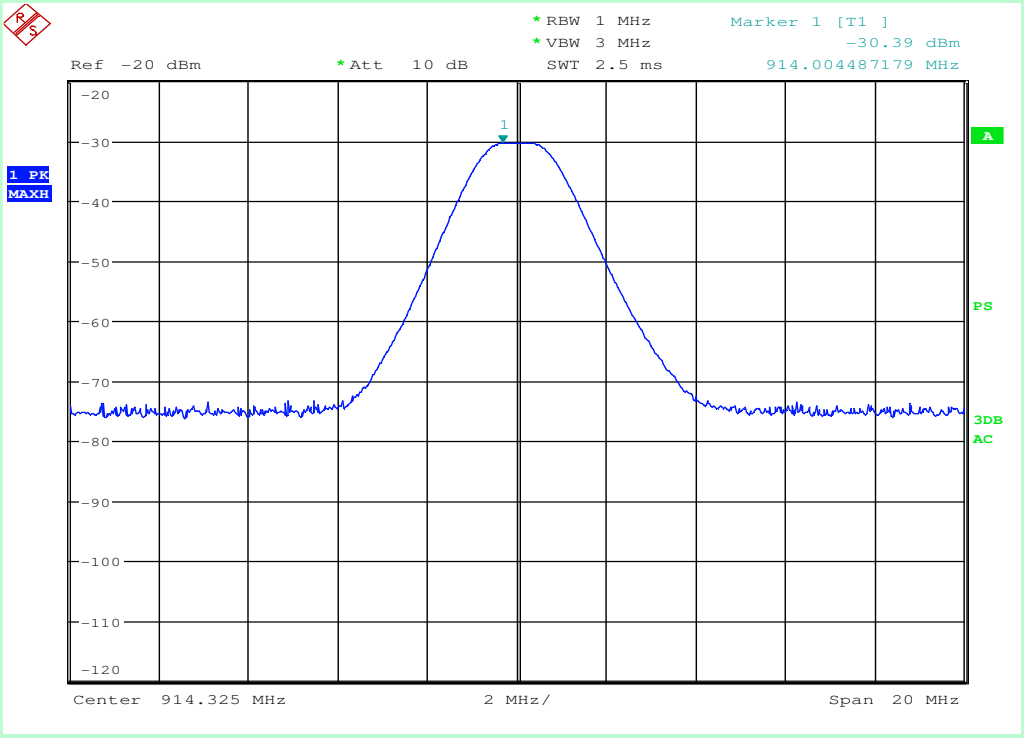
Antenna-3, Channel 2 (908.425 MHz)

Note : Peak Graph - Vertical polarization



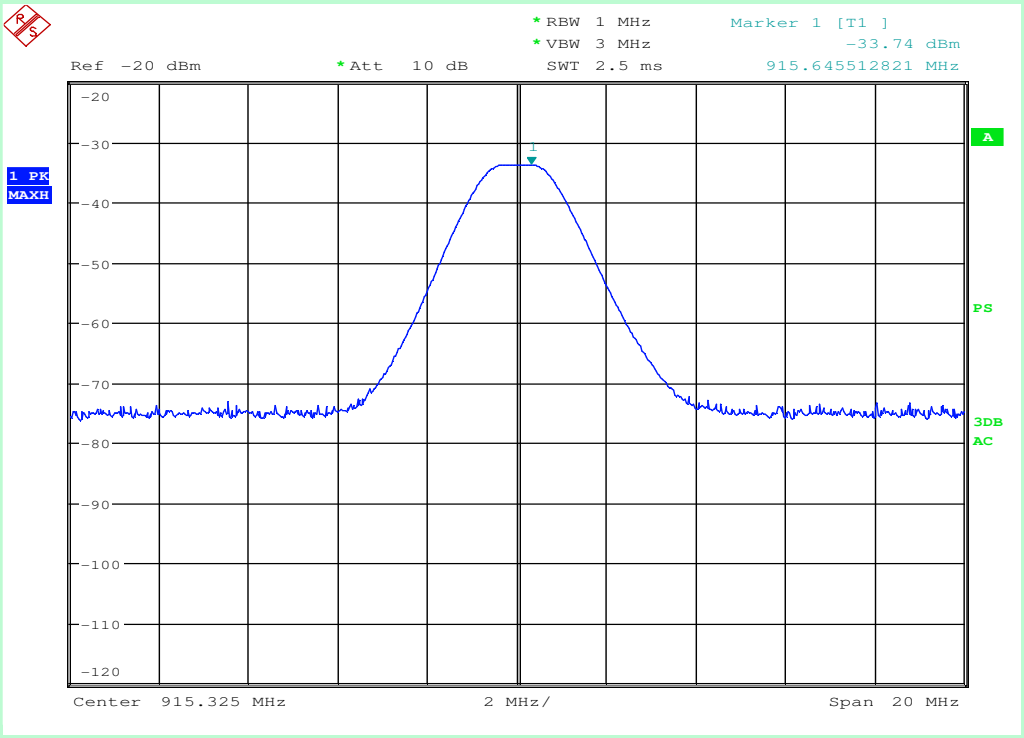
Antenna-3, Channel 3 (914.325 MHz)

Note : Peak Graph - Horizontal polarization



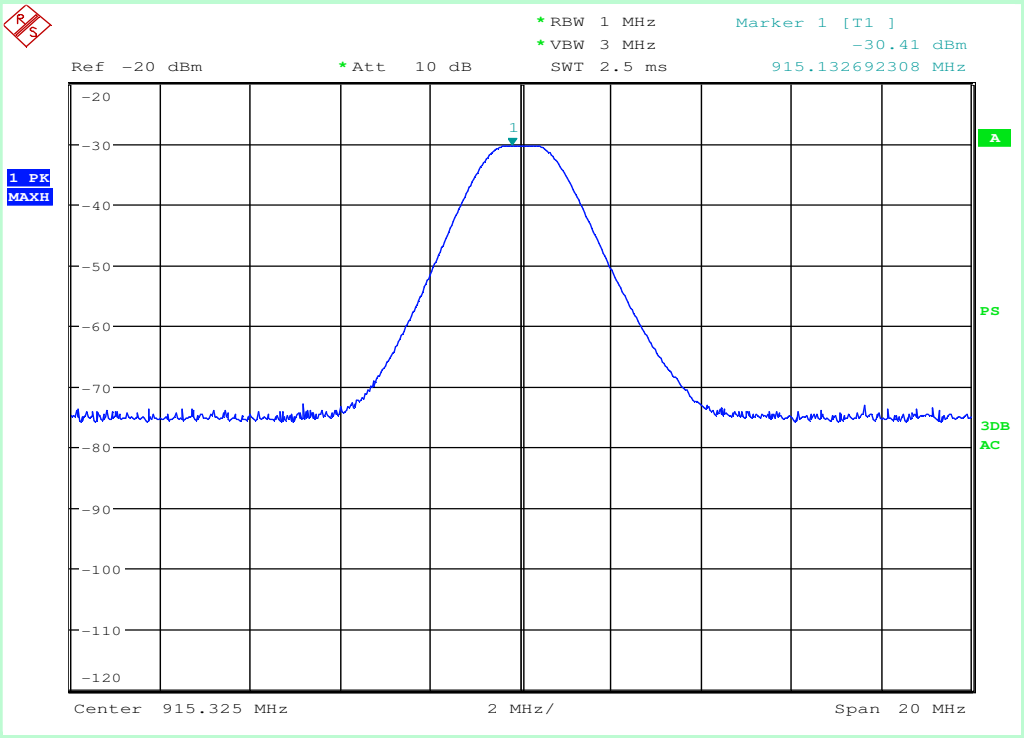
Antenna-3, Channel 3 (914.325MHz)

Note : Peak Graph - Vertical polarization



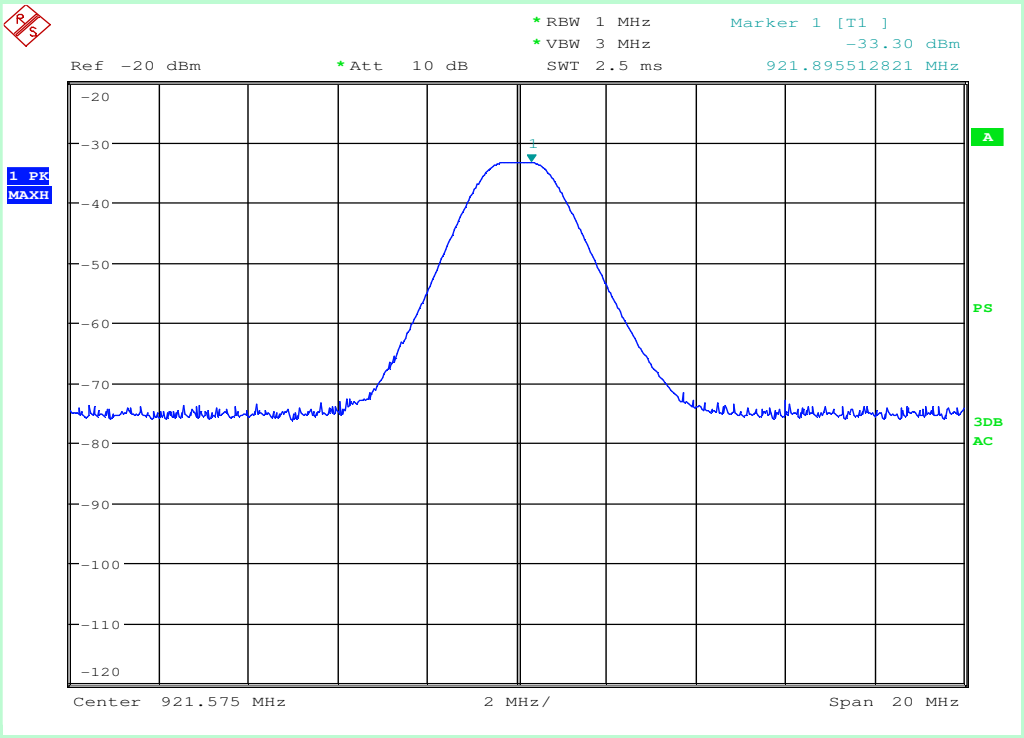
Antenna-3, Channel 4 (915.325 MHz)

Note : Peak Graph - Horizontal polarization



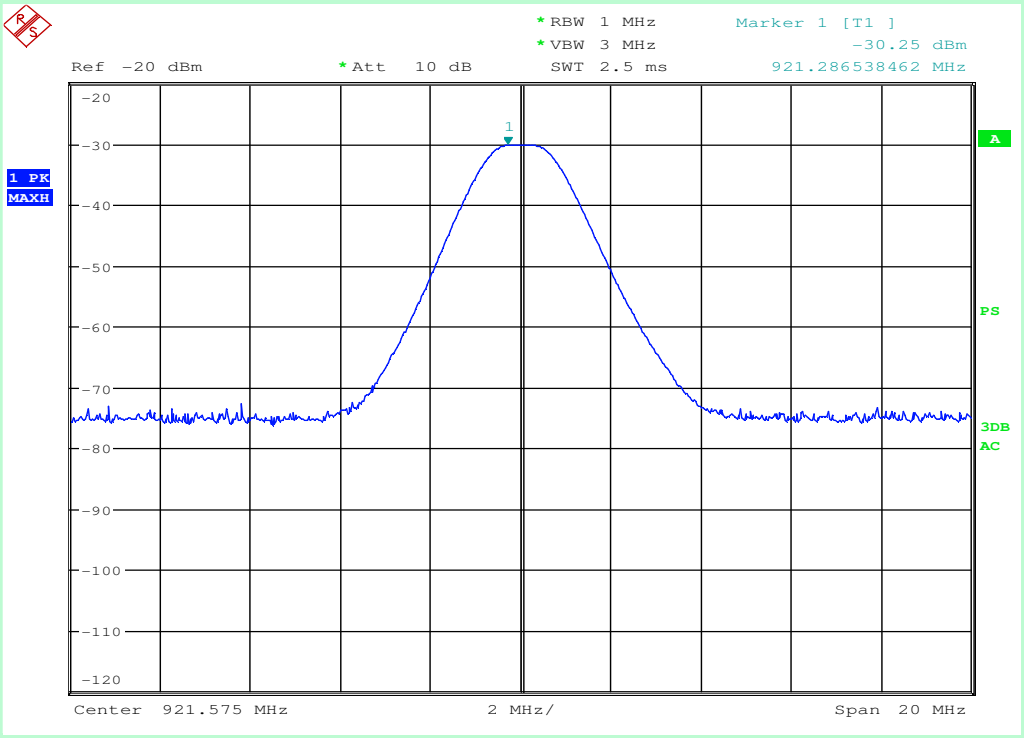
Antenna-3, Channel 4 (915.325 MHz)

Note : Peak Graph - Vertical polarization



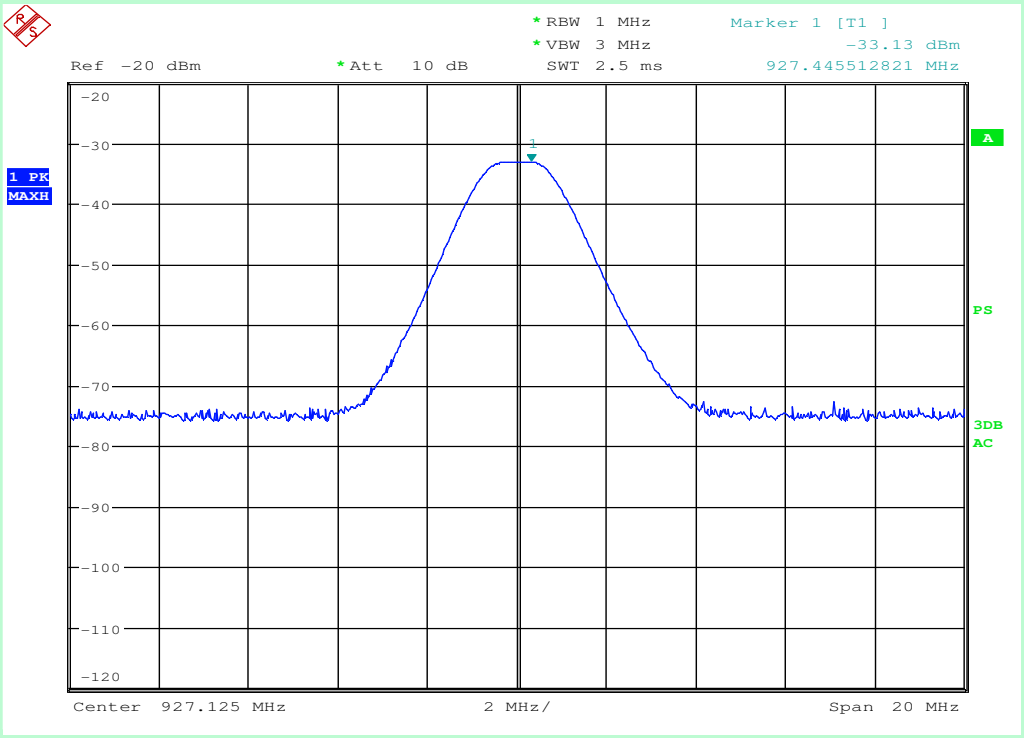
Antenna-3, Channel 5 (921.575 MHz)

Note : Peak Graph - Horizontal polarization



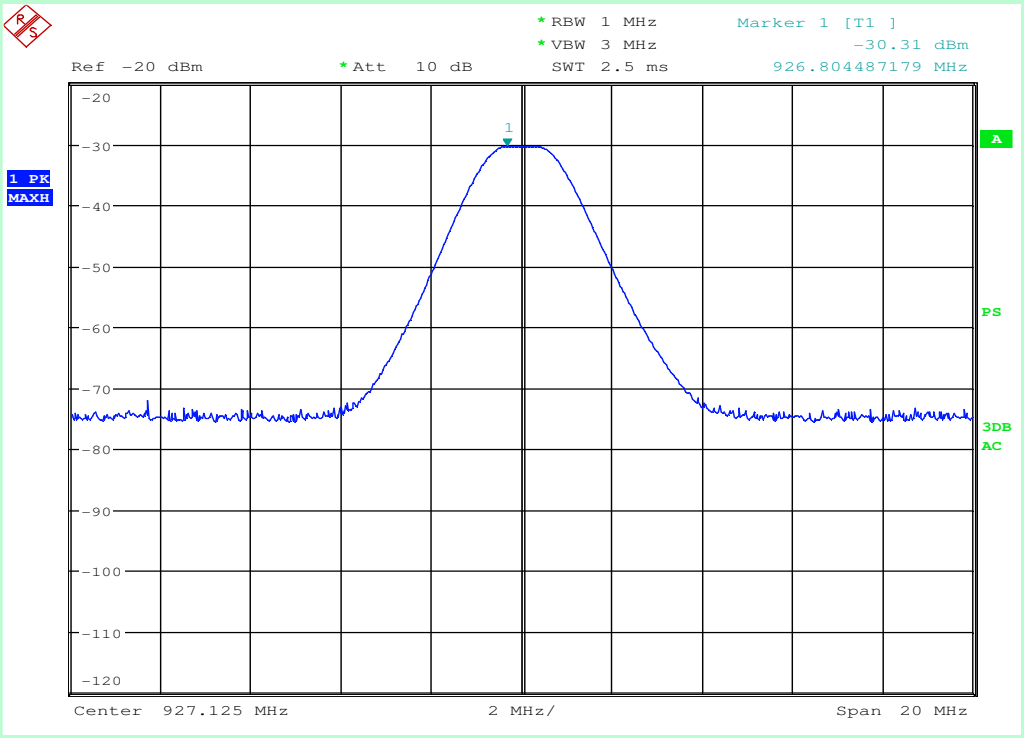
Antenna-3, Channel 5 (921.575 MHz)

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	dBi	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 = Pmeas(dBm)-Gr(dBi)+Lc(dB)+Latt(dB)
Lp =20Log F+20LogD-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(dB0
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

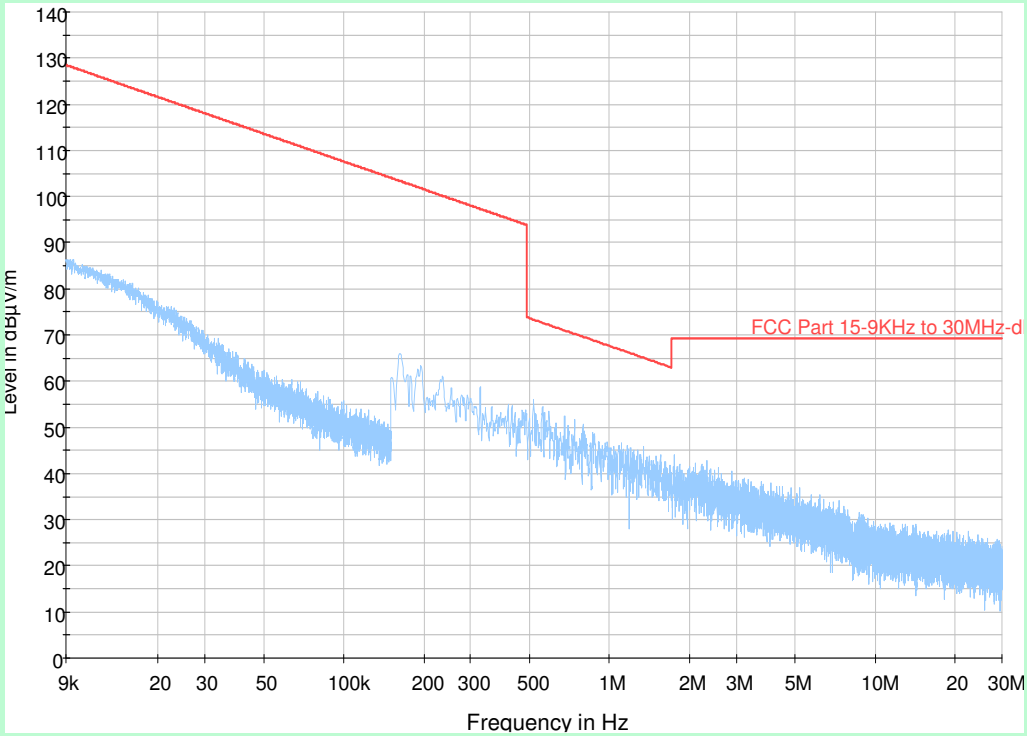
TEST EQUIPMENT

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

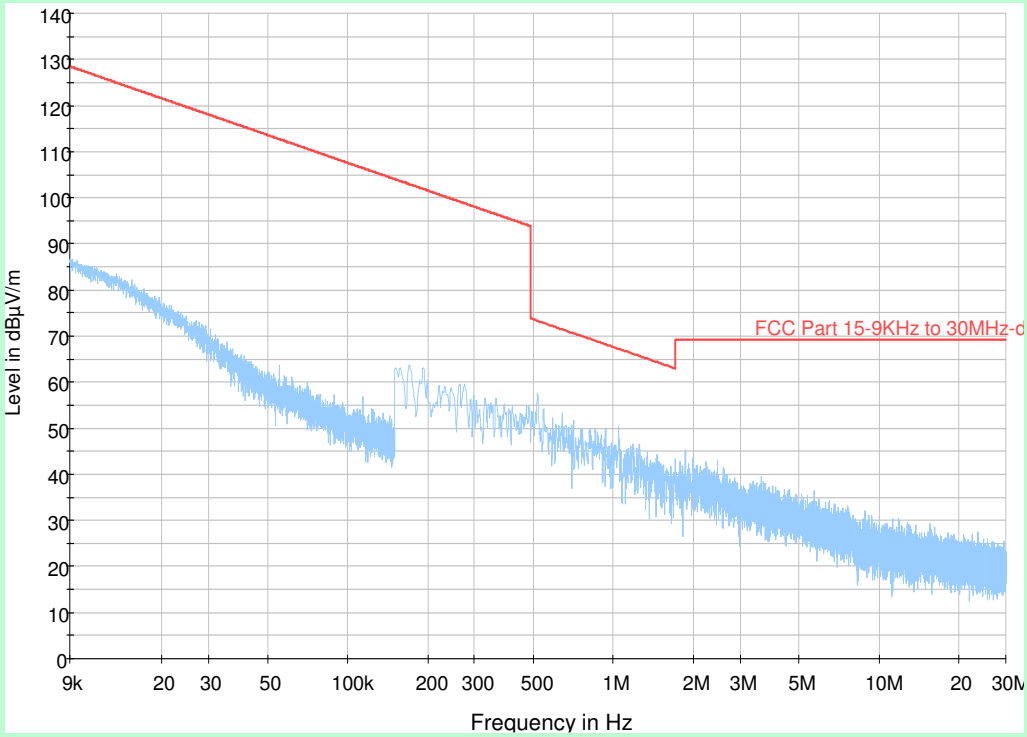
* Tests were completed before the due date.

TEST GRAPHS – 9KHz to 30MHz



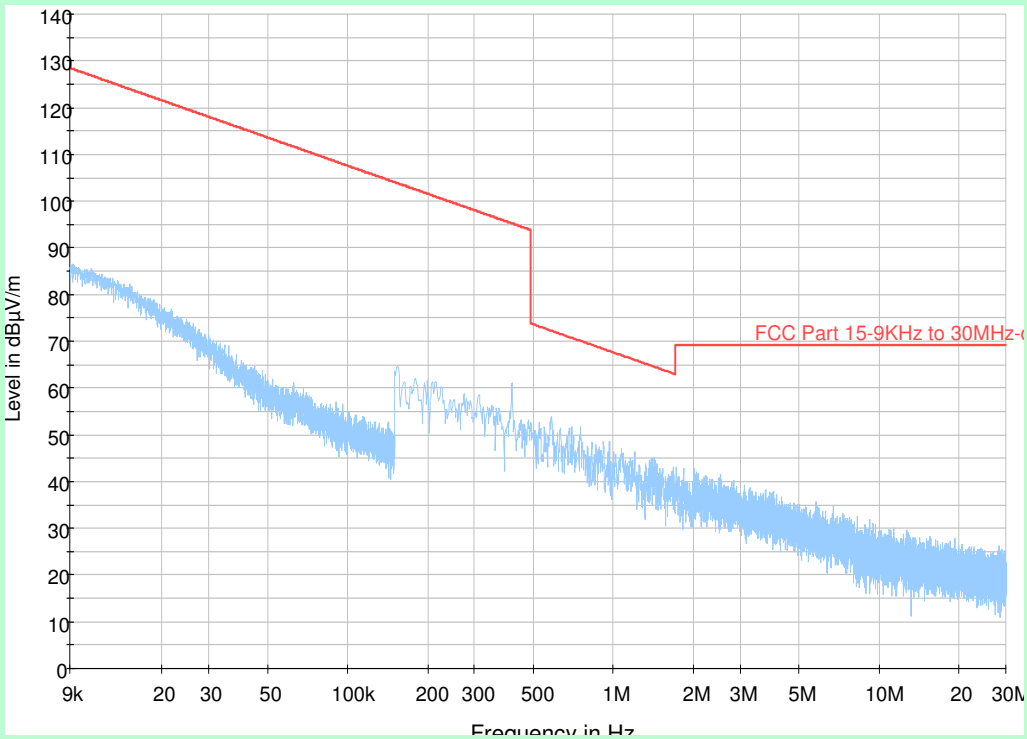
Antenna-1, Channel 1 (902.875 MHz)

Note : Peak Graph - Parallel



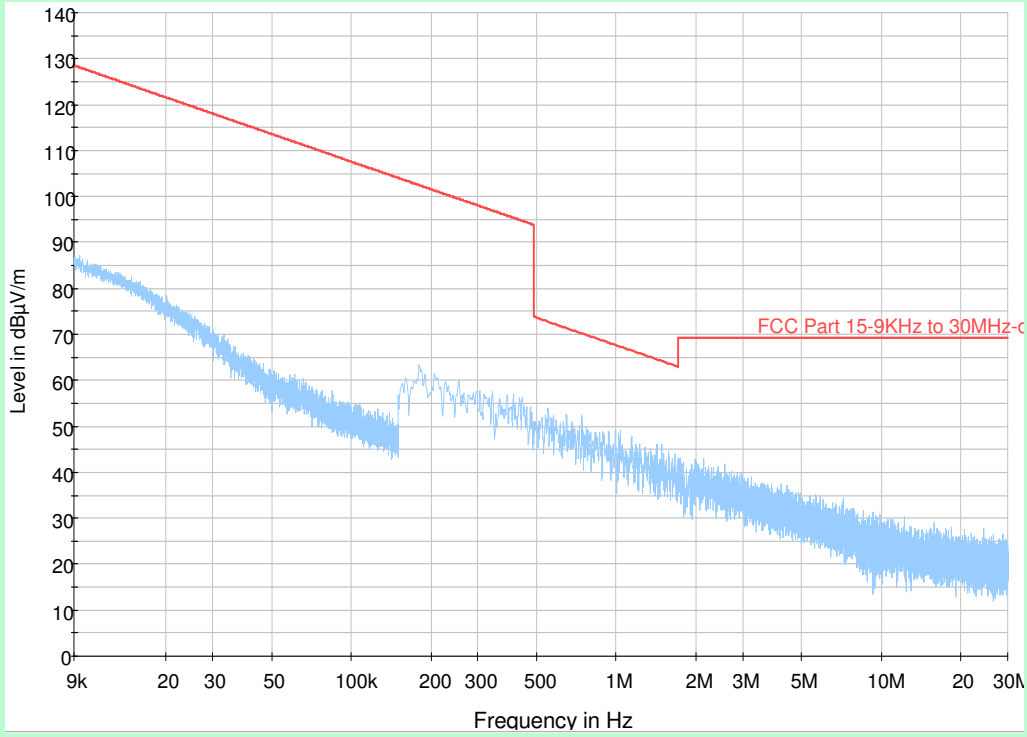
Antenna-1, Channel 1 (902.875 MHz)

Note : Peak Graph - Perpendicular



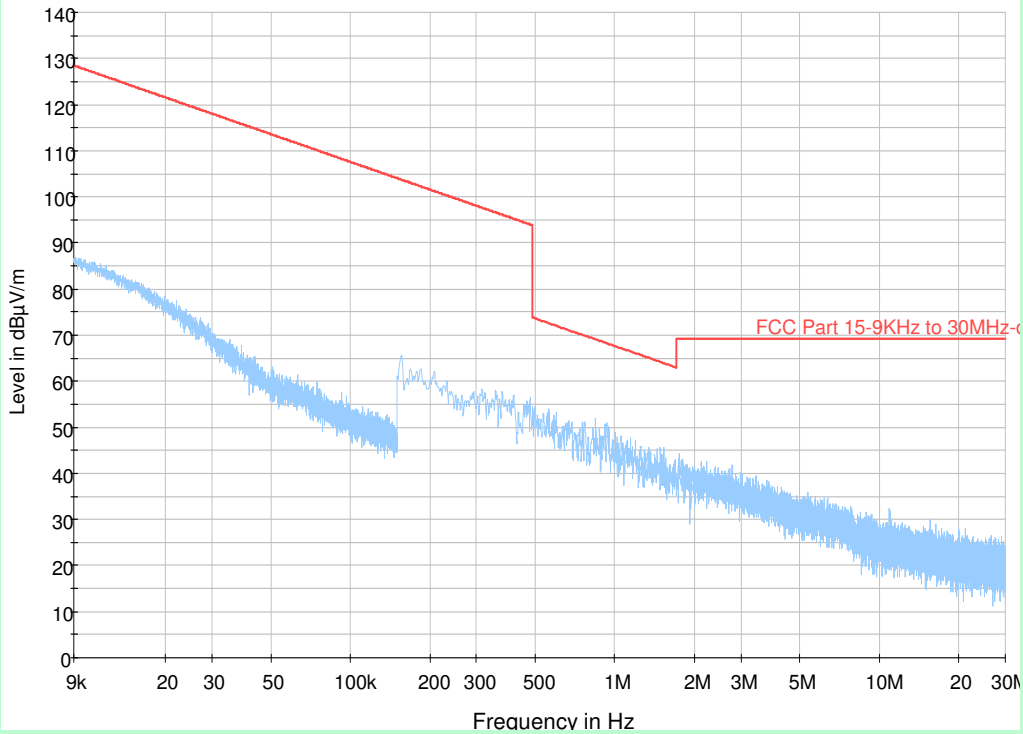
Antenna-1, Channel 2 (908.425 MHz)

Note : Peak Graph - Parallel



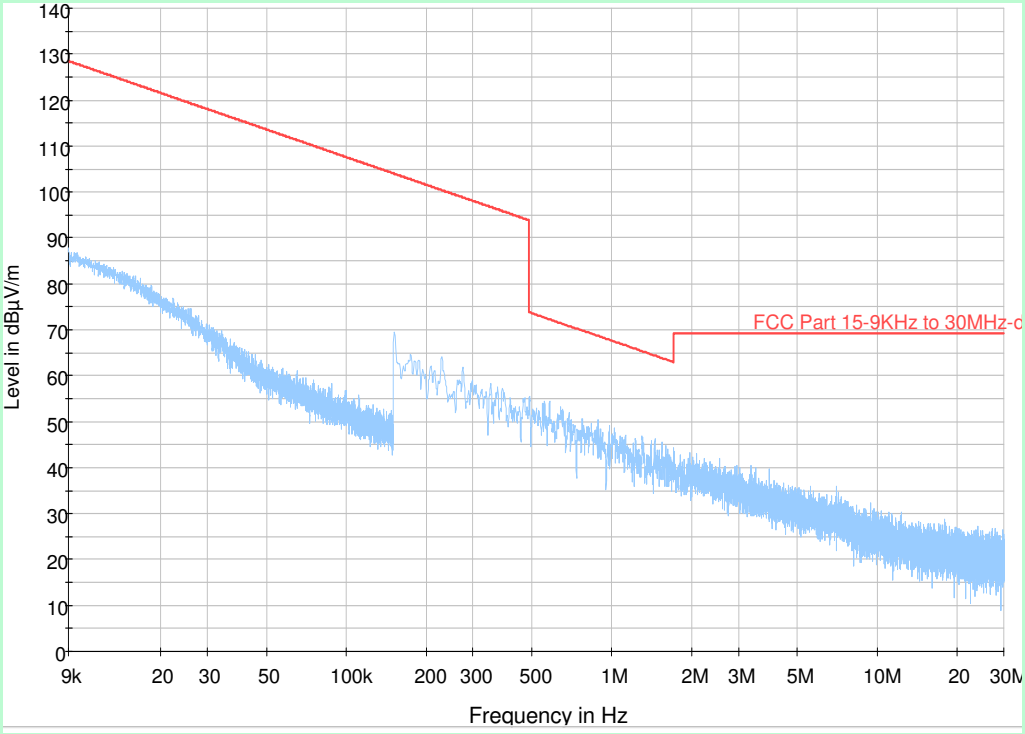
Antenna-1, Channel 2 (908.425 MHz)

Note : Peak Graph - Perpendicular



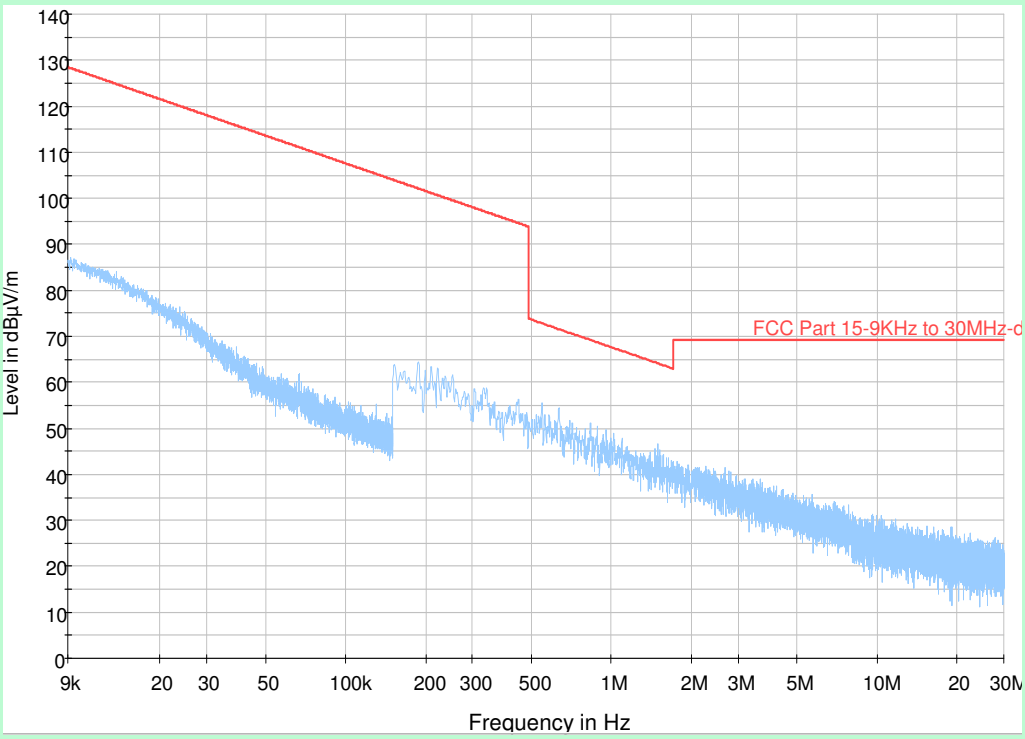
Antenna-1, Channel 3 (914.325MHz)

Note : Peak Graph - Parallel



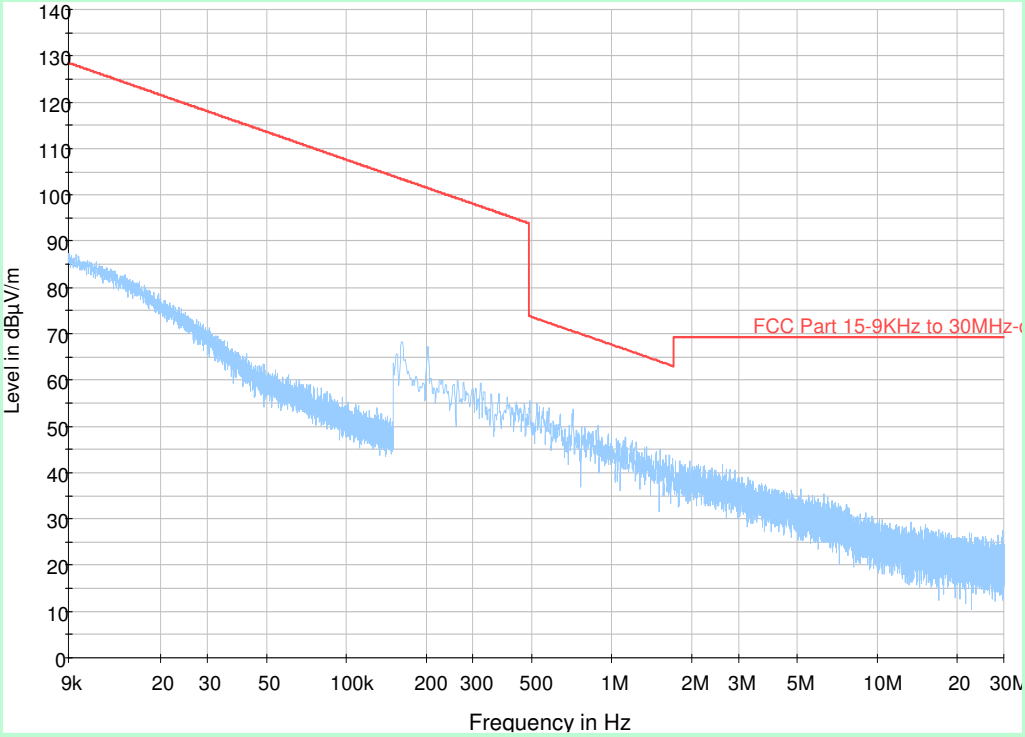
Antenna-1, Channel 3 (914.325MHz)

Note : Peak Graph - Perpendicular



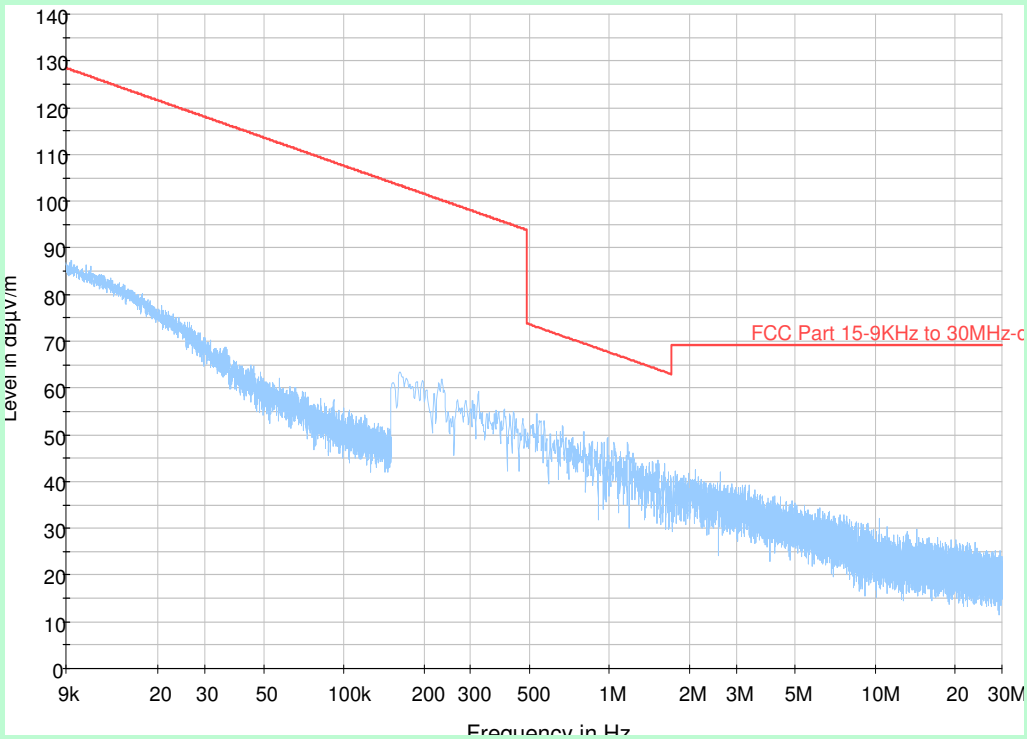
Antenna-1, Channel 4 (915.325MHz)

Note : Peak Graph - Parallel



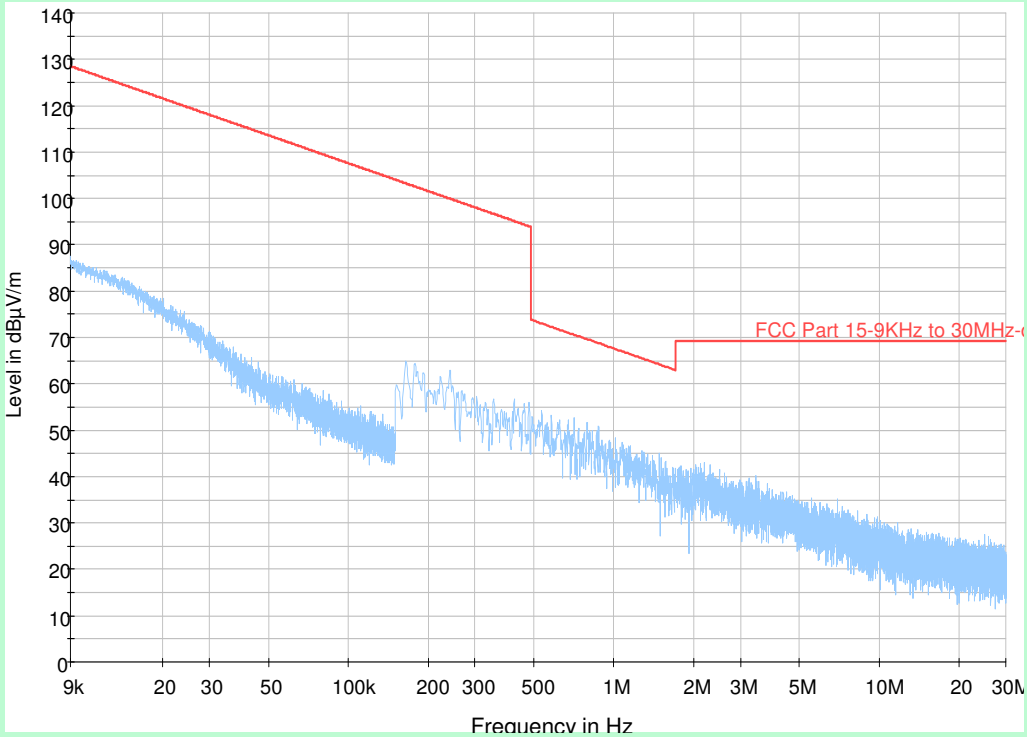
Antenna-1, Channel 4 (915.325MHz)

Note : Peak Graph - Perpendicular



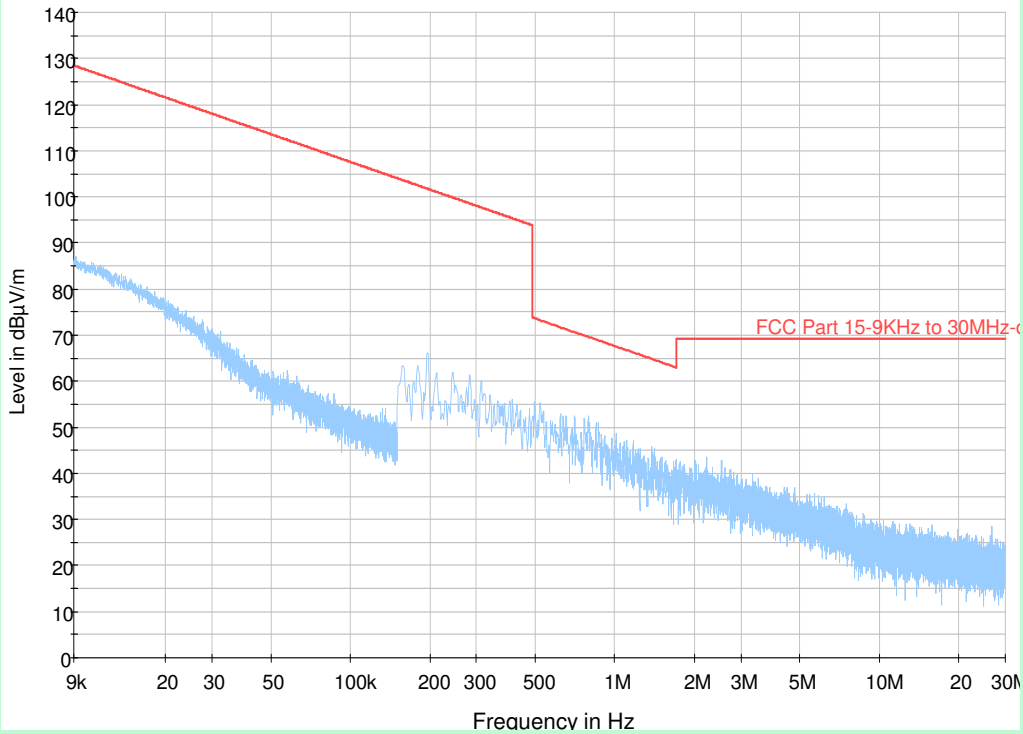
Antenna-1, Channel 5 (921.575MHz)

Note : Peak Graph - Parallel



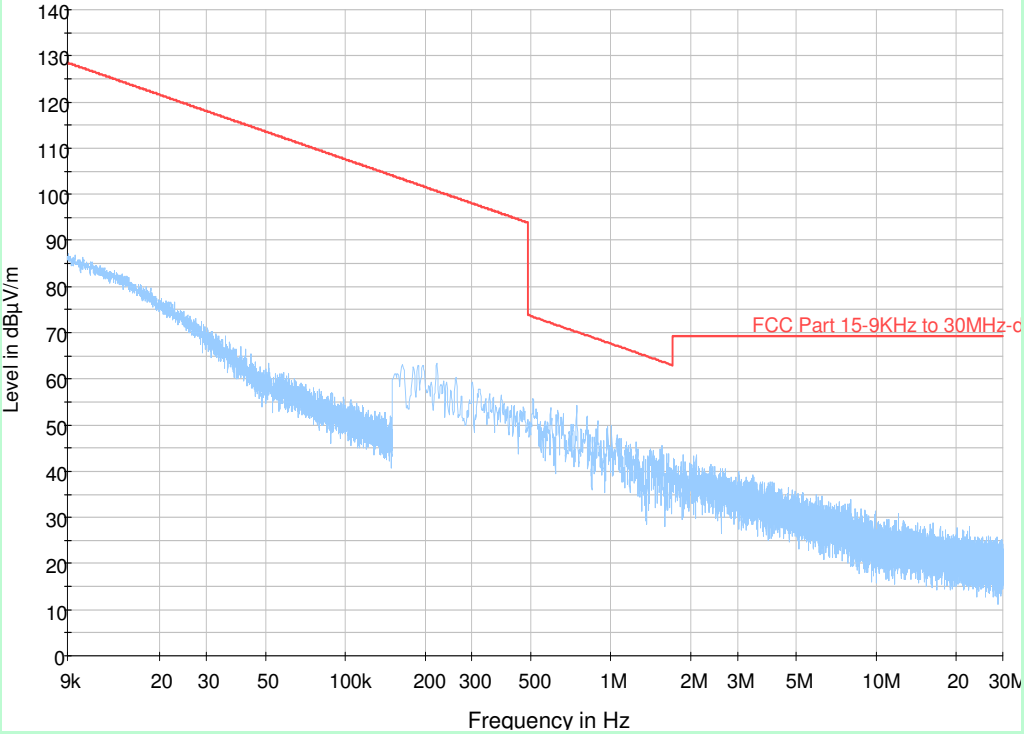
Antenna-1, Channel 5 (921.575MHz)

Note : Peak Graph - Perpendicular



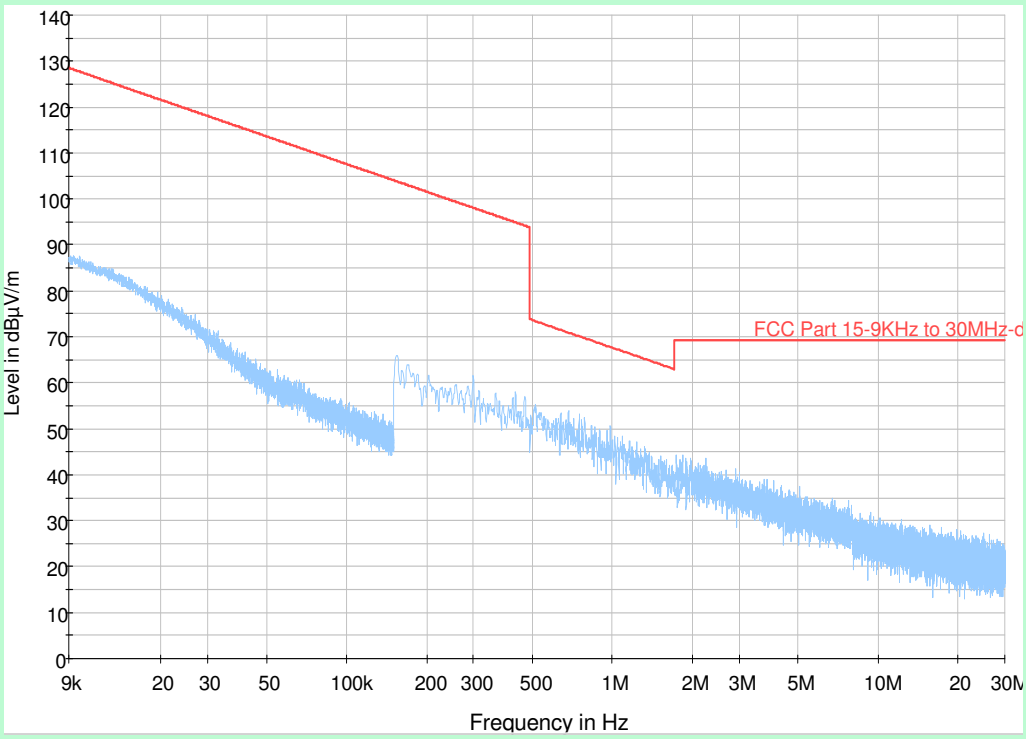
Antenna-1, Channel 6 (927.125 MHz)

Note : Peak Graph - Parallel



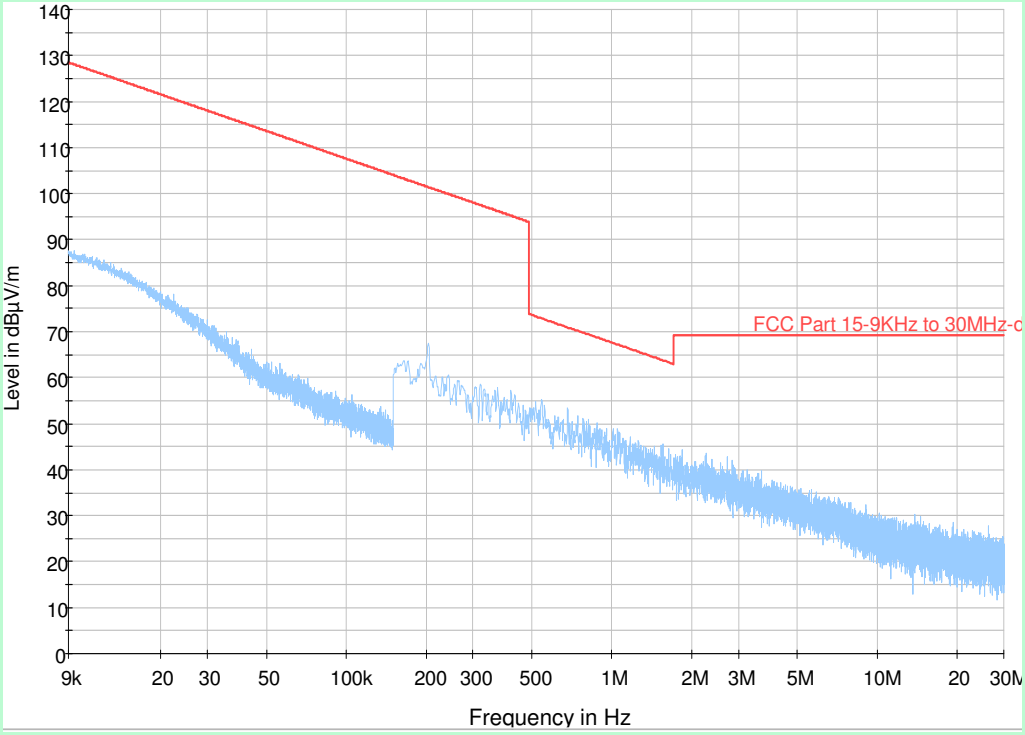
Antenna-1, Channel 6 (927.125 MHz)

Note : Peak Graph - Perpendicular



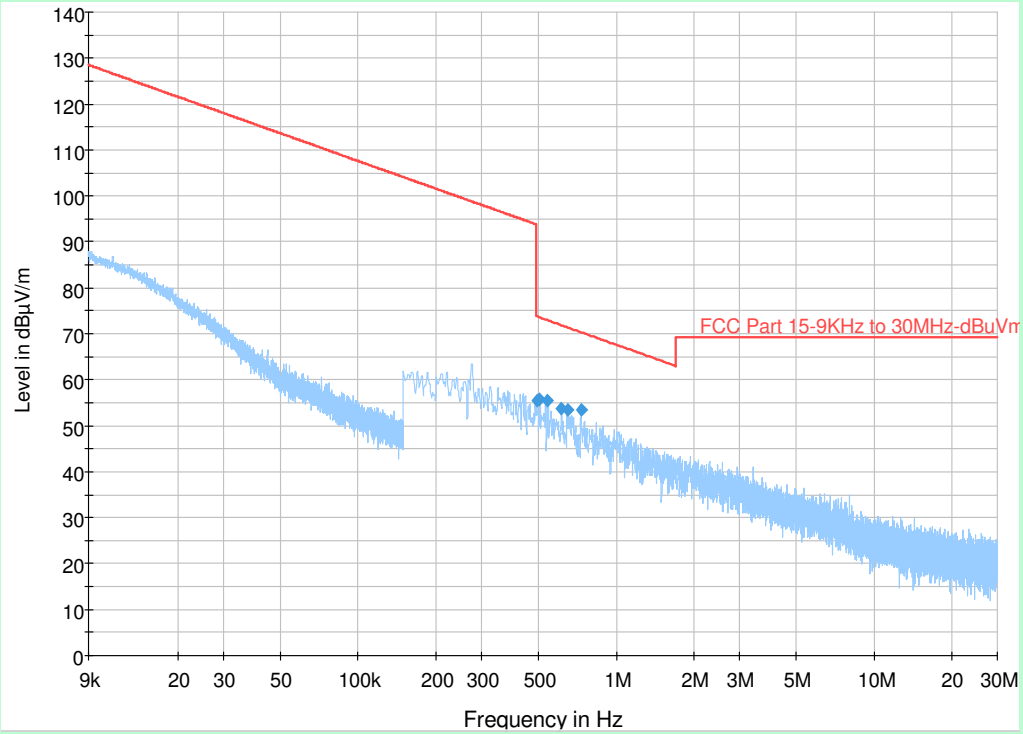
Antenna-2, Channel 1 (902.875 MHz)

Note : Peak Graph - Parallel



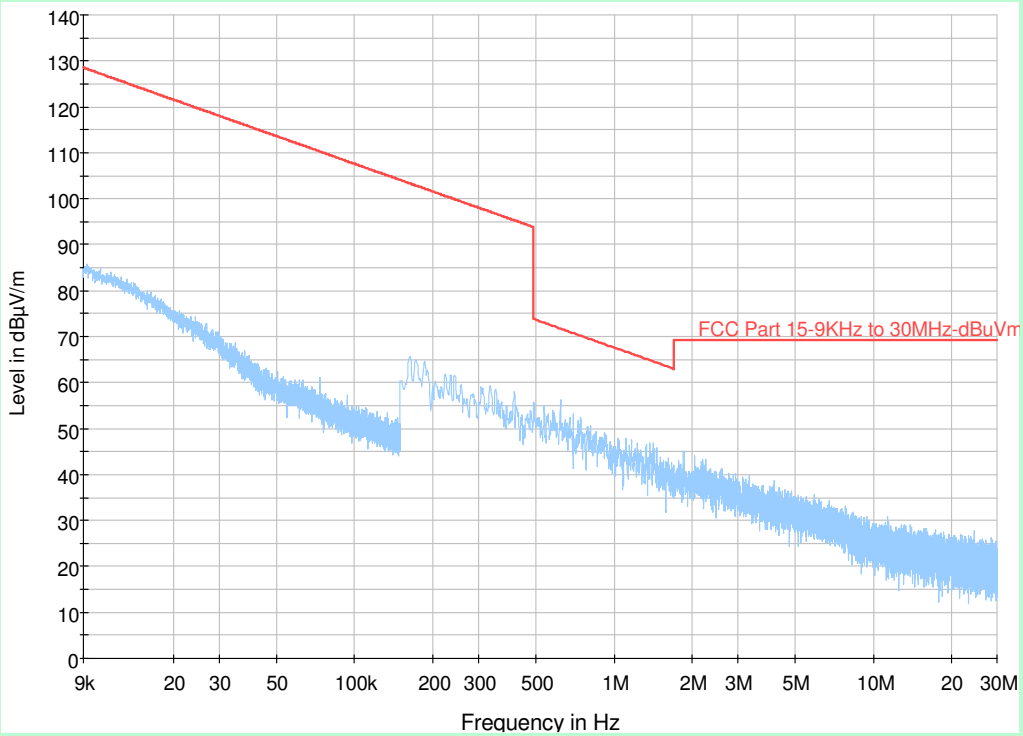
Antenna-2, Channel 1 (902.875 MHz)

Note : Peak Graph - Perpendicular



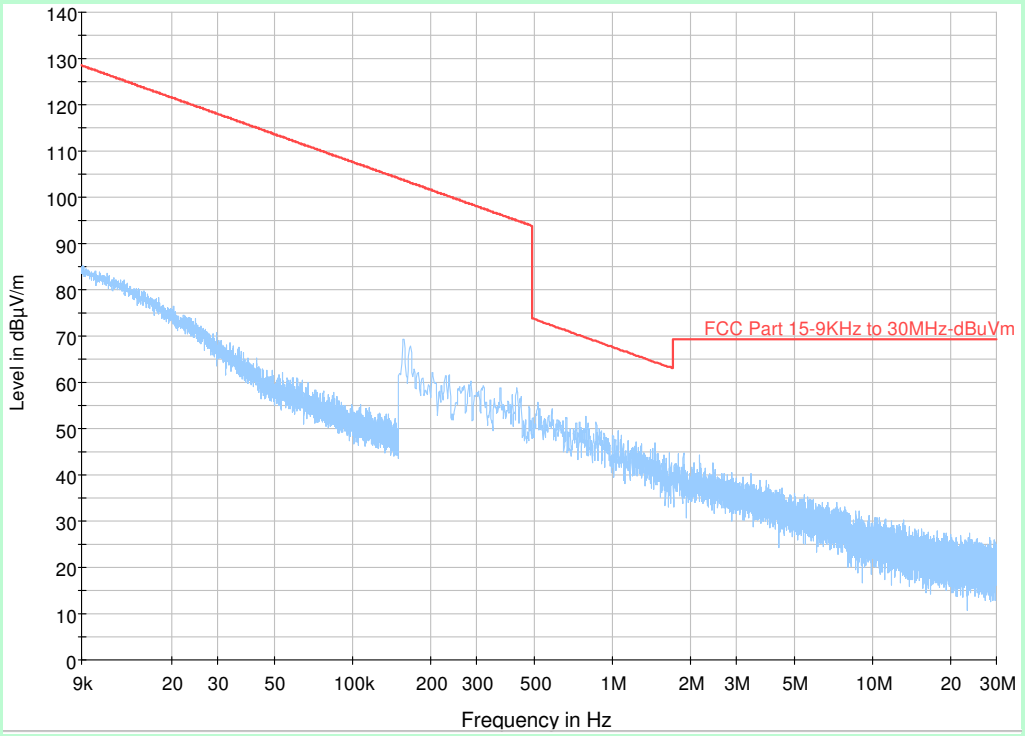
Antenna-2, Channel 2 (908.425 MHz)

Note : Peak Graph - Parallel



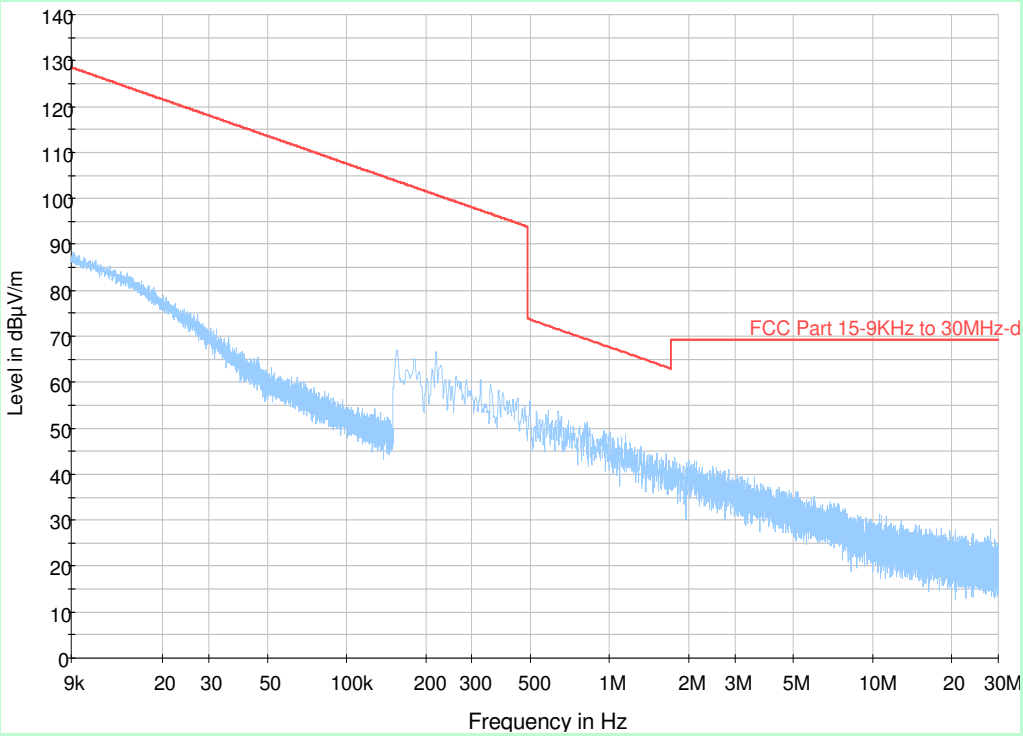
Antenna-2, Channel 2 (908.425 MHz)

Note : Peak Graph - Perpendicular



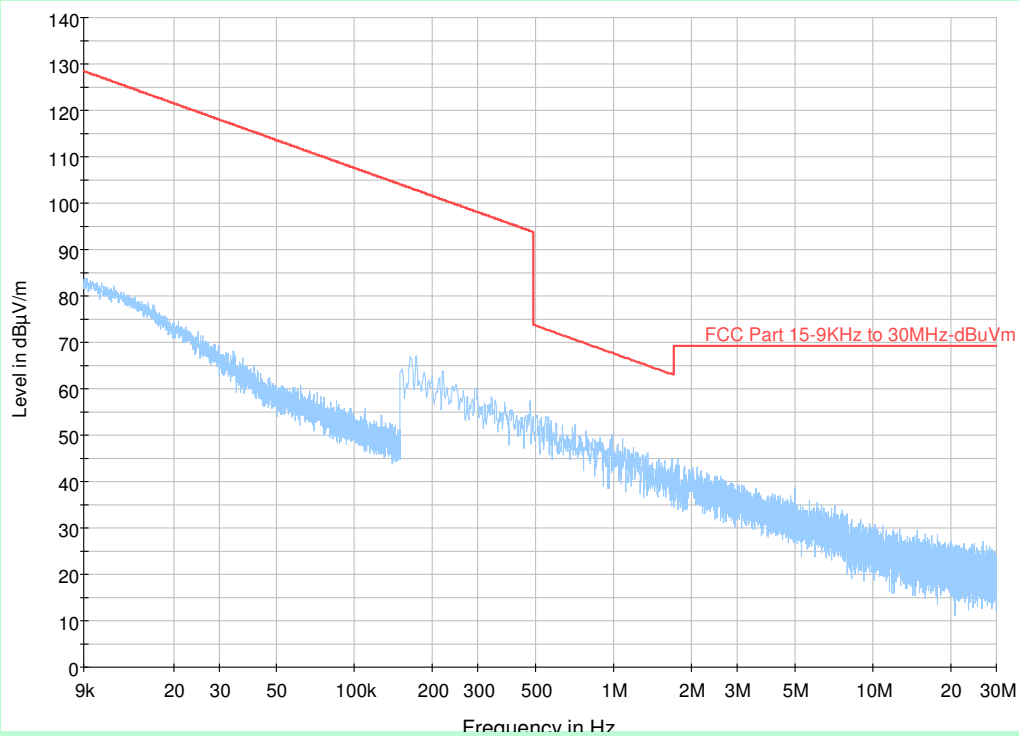
Antenna-2, Channel 3 (914.325 MHz)

Note : Peak Graph - Parallel



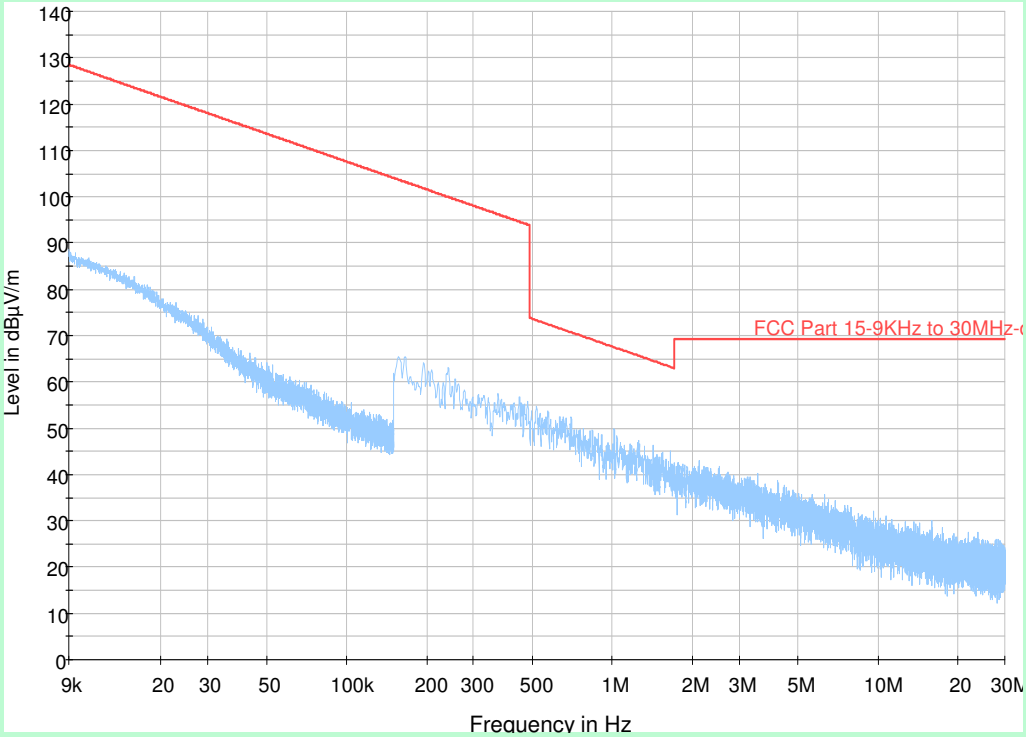
Antenna-2, Channel 3 (914.325MHz)

Note : Peak Graph - Perpendicular



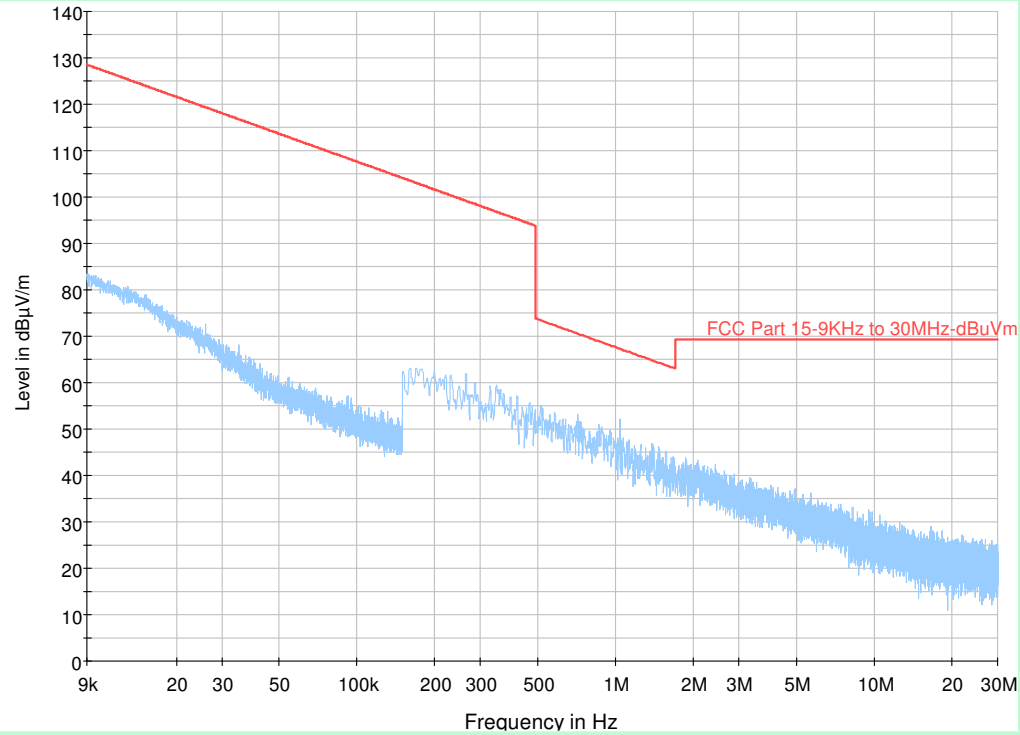
Antenna-2, Channel 4 (915.325 MHz)

Note : Peak Graph - Parallel



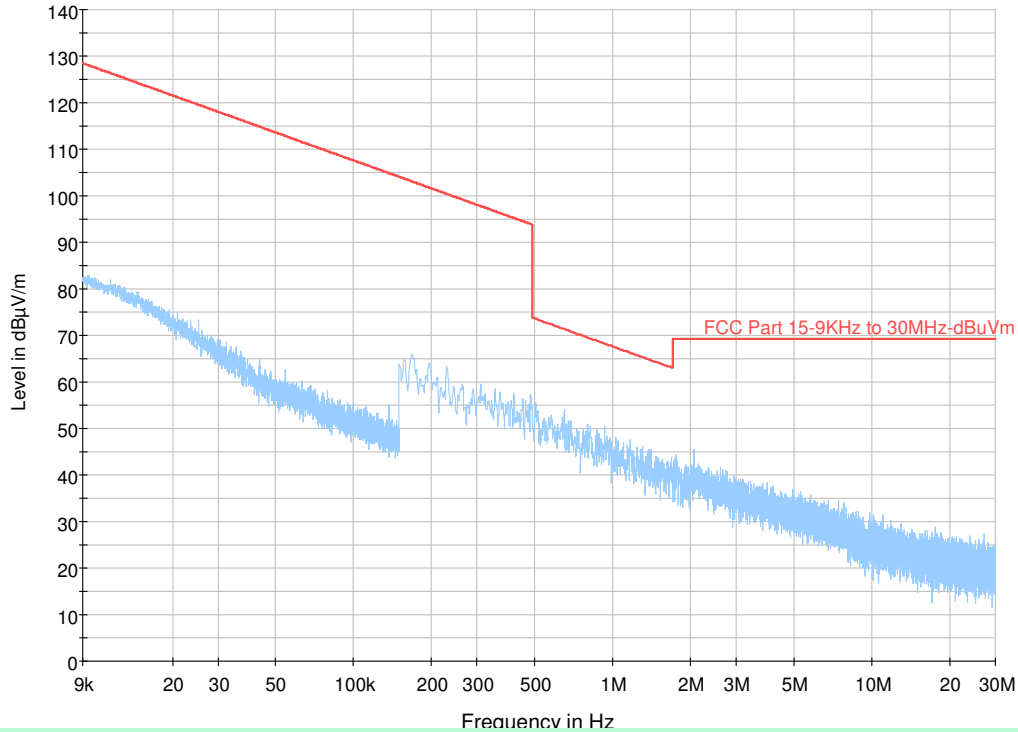
Antenna-2, Channel 4 (915.325 MHz)

Note : Peak Graph - Perpendicular



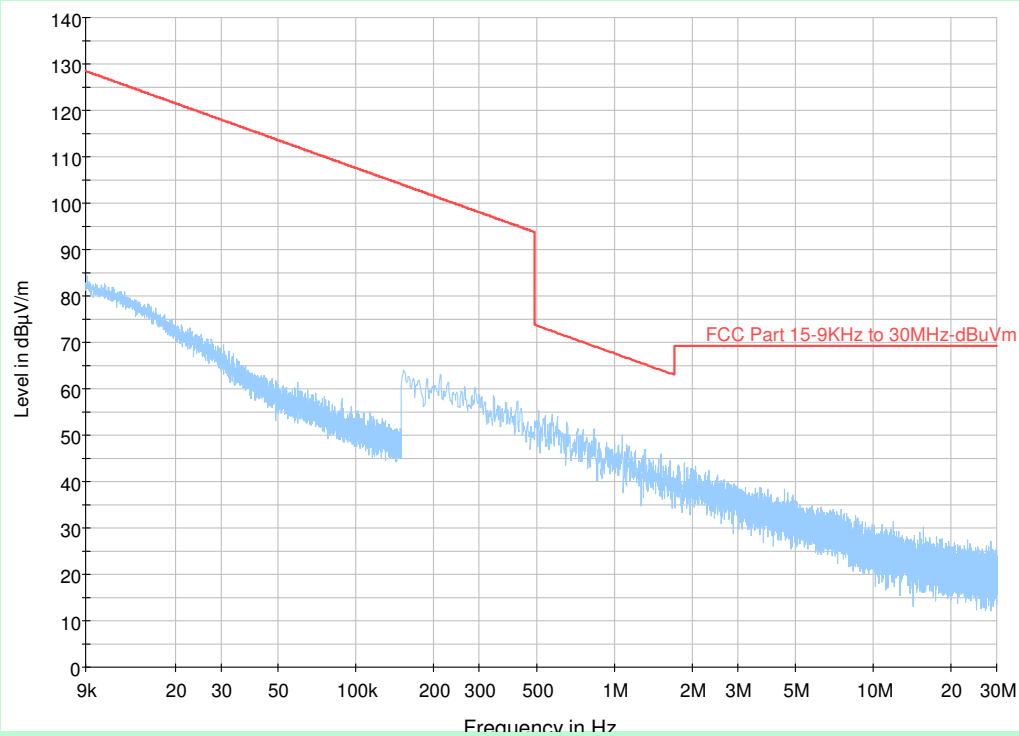
Antenna-2, Channel 5 (921.575 MHz)

Note : Peak Graph - Parallel



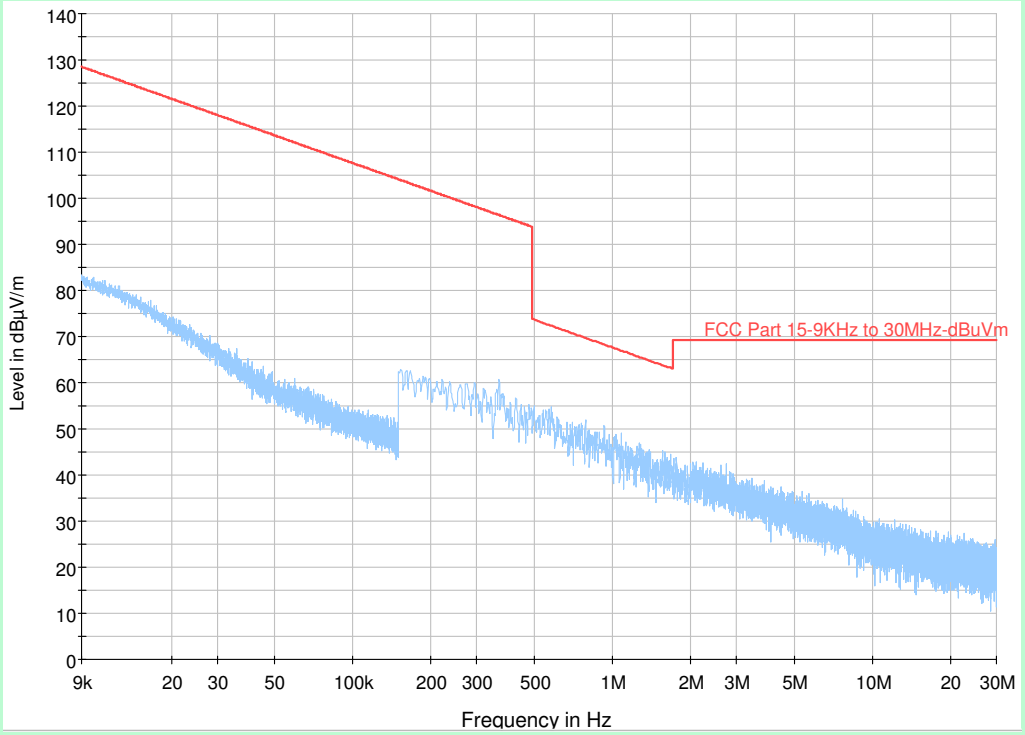
Antenna-2, Channel 5 (921.575 MHz)

Note : Peak Graph - Perpendicular



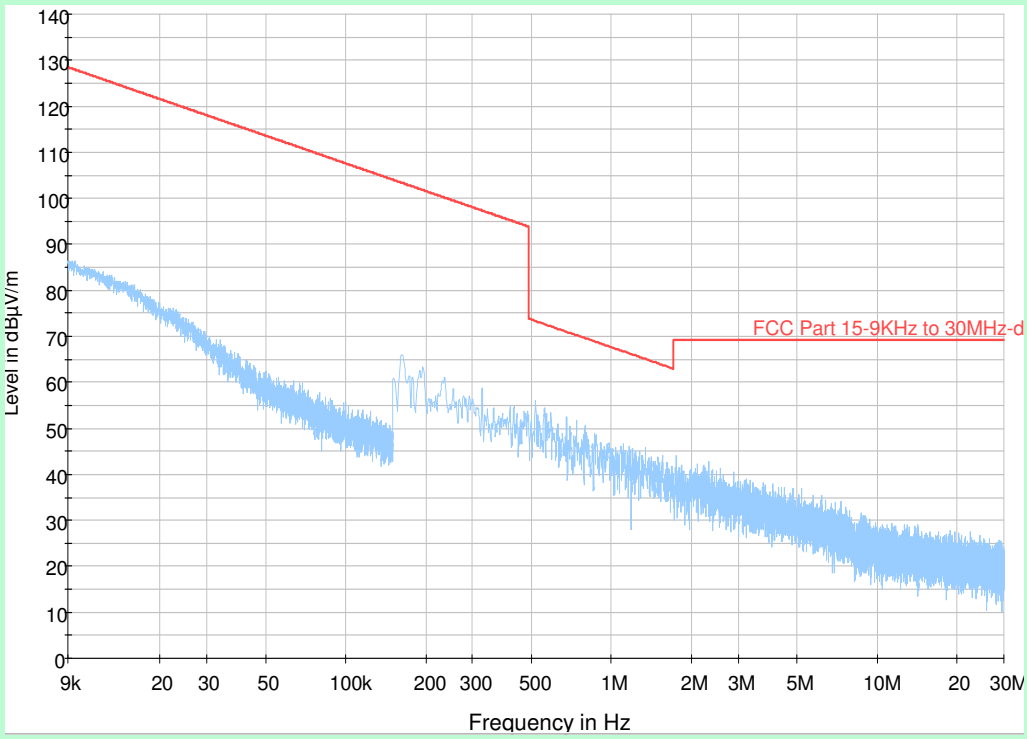
Antenna-2, Channel 6 (927.125 MHz)

Note : Peak Graph - Parallel



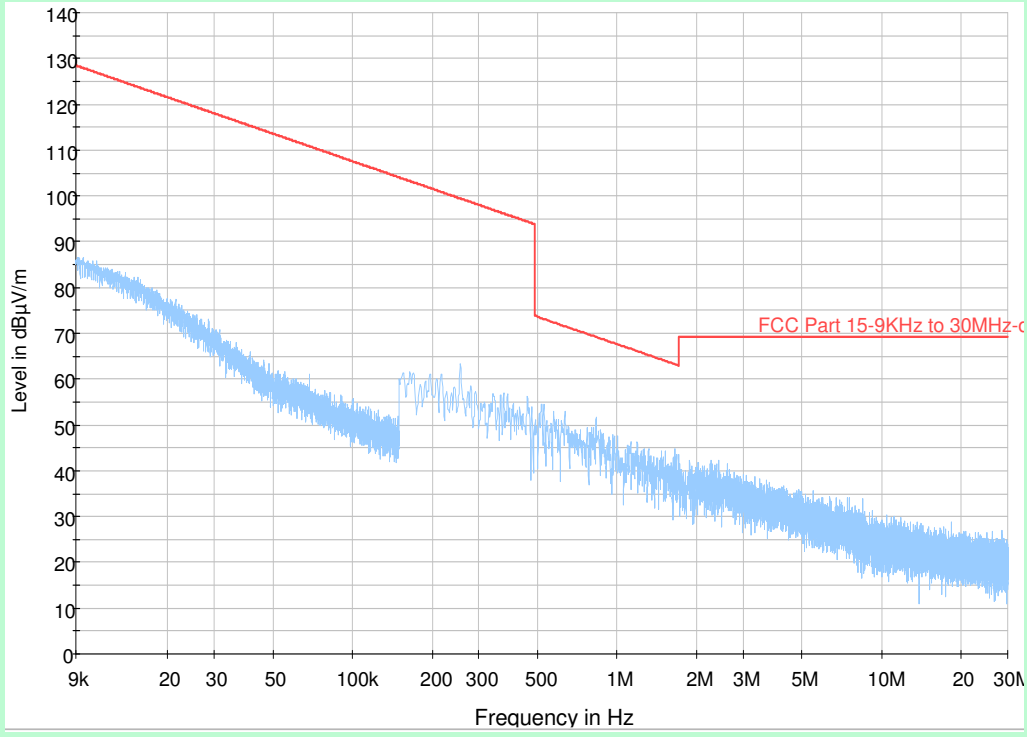
Antenna-2, Channel 6 (927.125 MHz)

Note : Peak Graph - Perpendicular



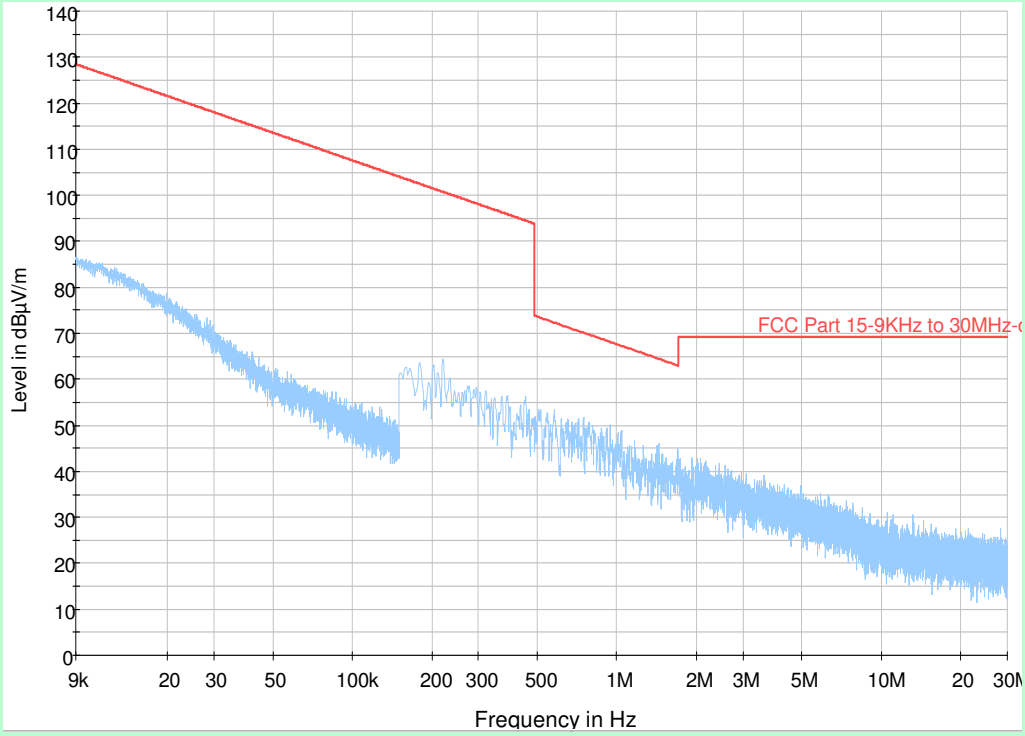
Antenna-3, Channel 1 (902.875 MHz)

Note : Peak Graph - Parallel



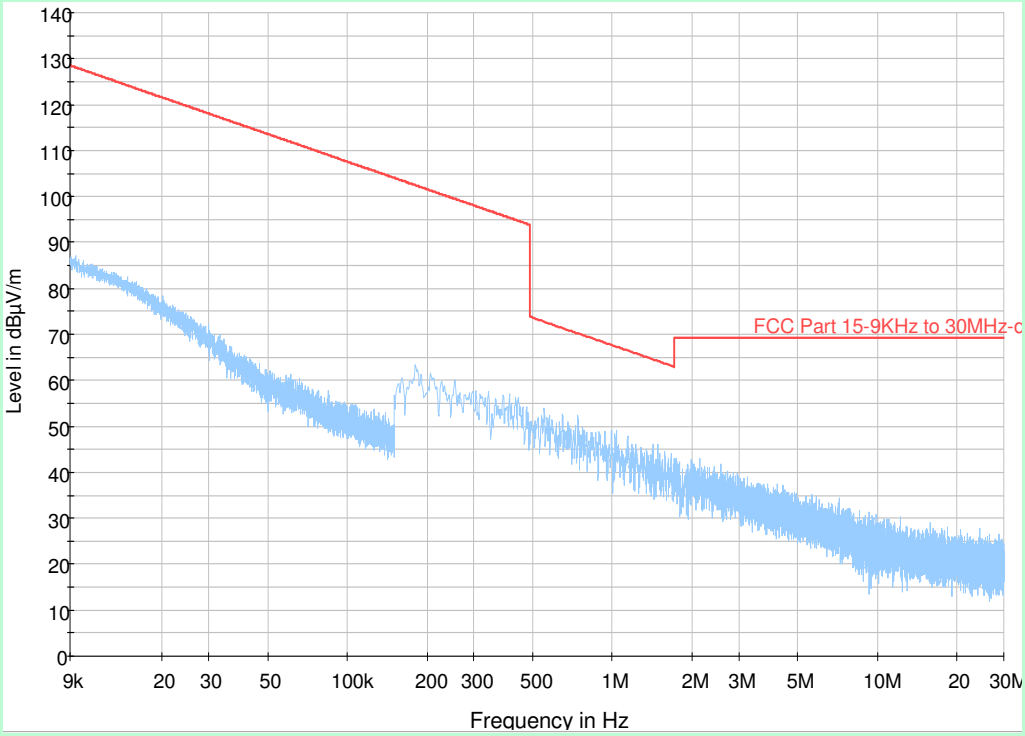
Antenna-3, Channel 1 (902.875 MHz)

Note : Peak Graph - Perpendicular



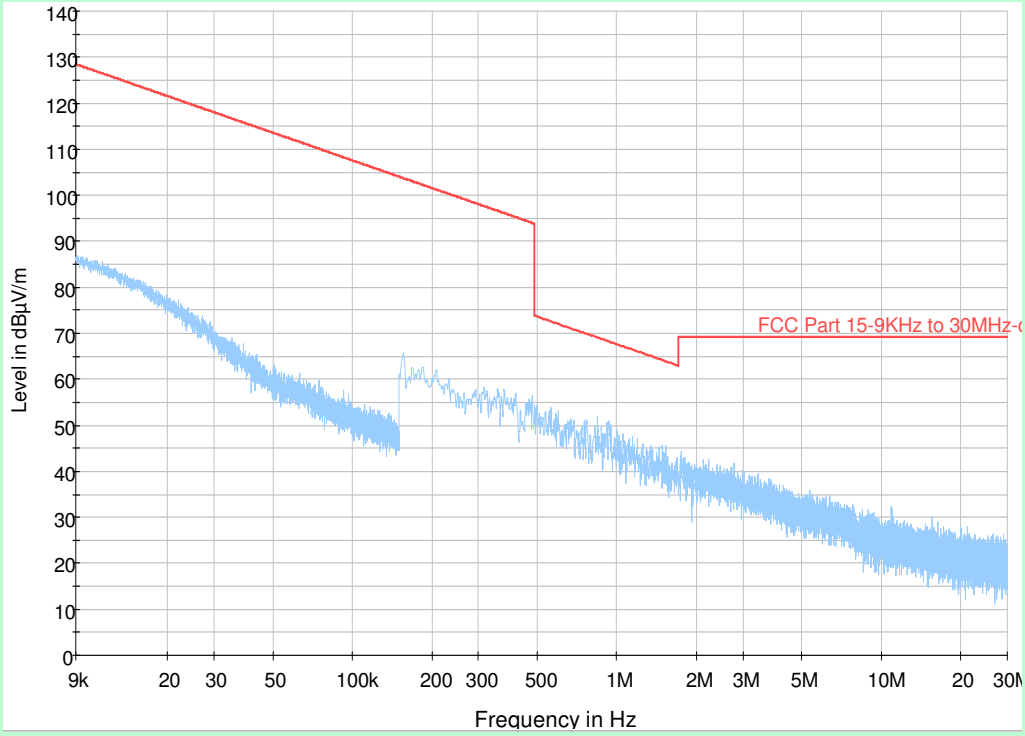
Antenna-3, Channel 2 (908.425 MHz)

Note : Peak Graph - Parallel



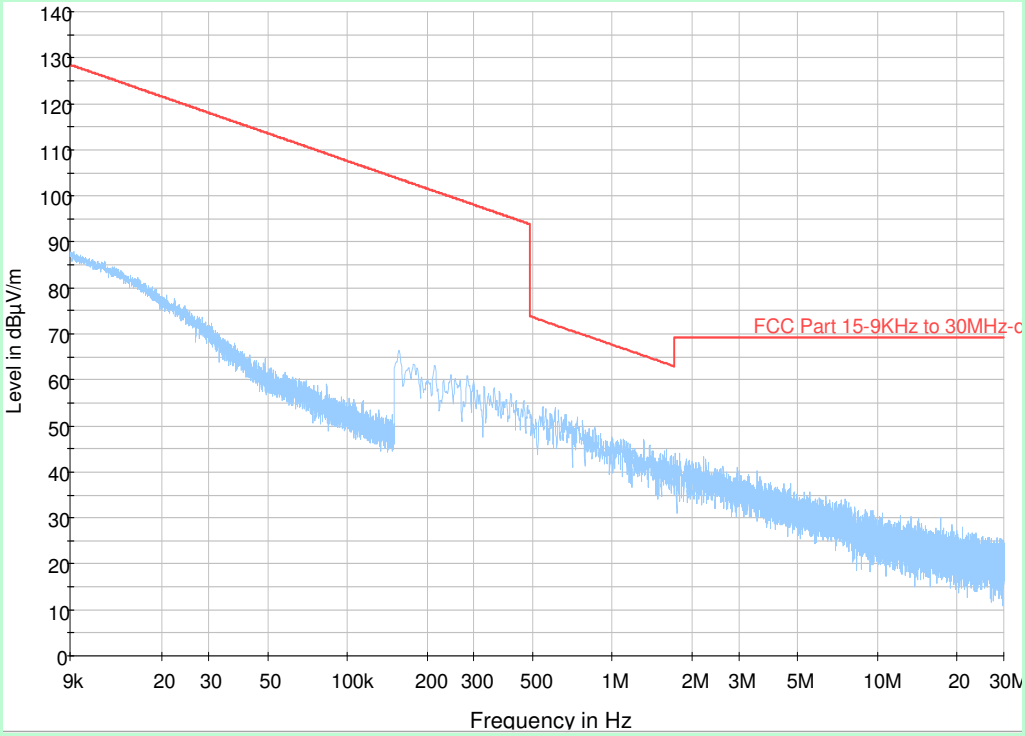
Antenna-3, Channel 2 (908.425 MHz)

Note : Peak Graph - Perpendicular



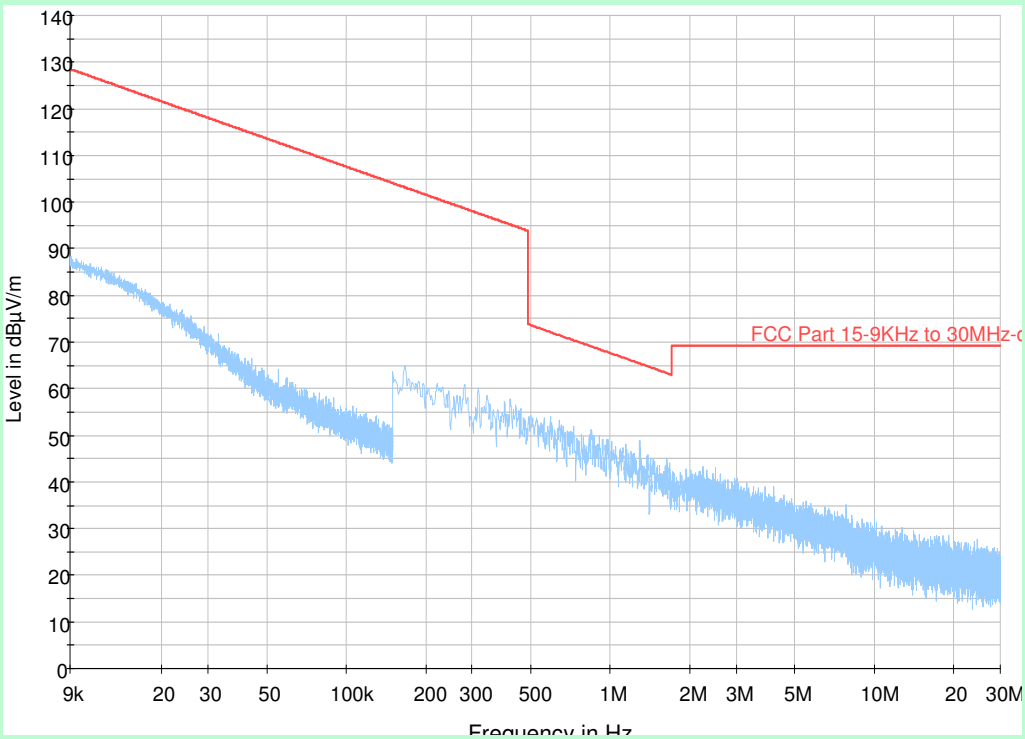
Antenna-3, Channel 3 (914.325 MHz)

Note : Peak Graph - Parallel



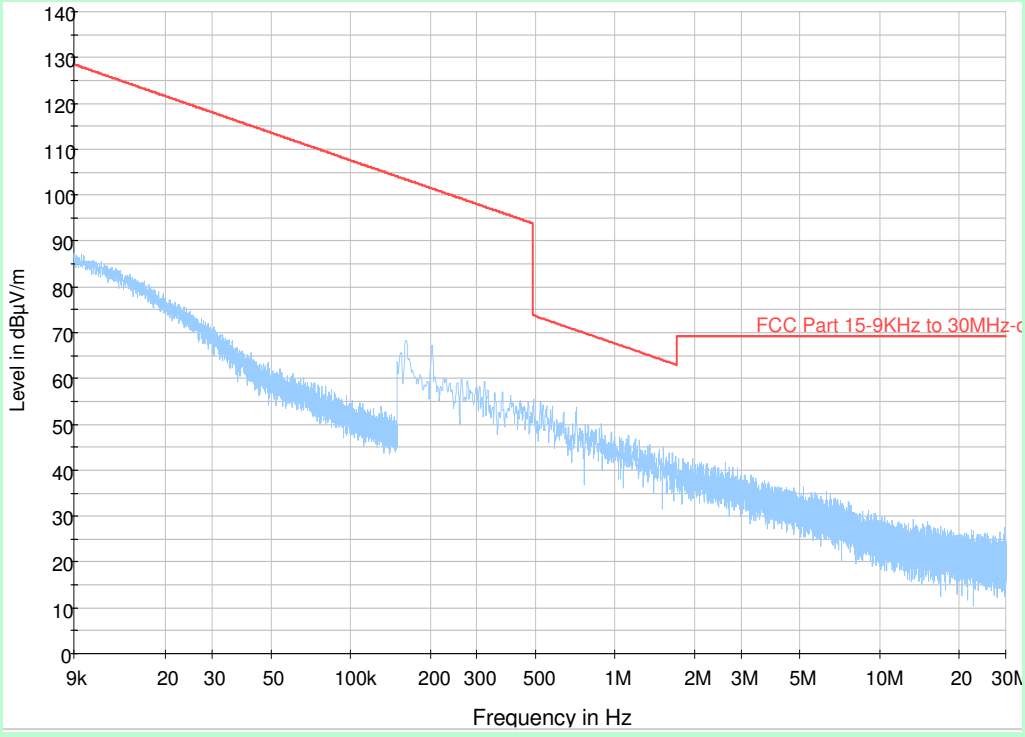
Antenna-3, Channel 3 (914.325 MHz)

Note : Peak Graph - Perpendicular



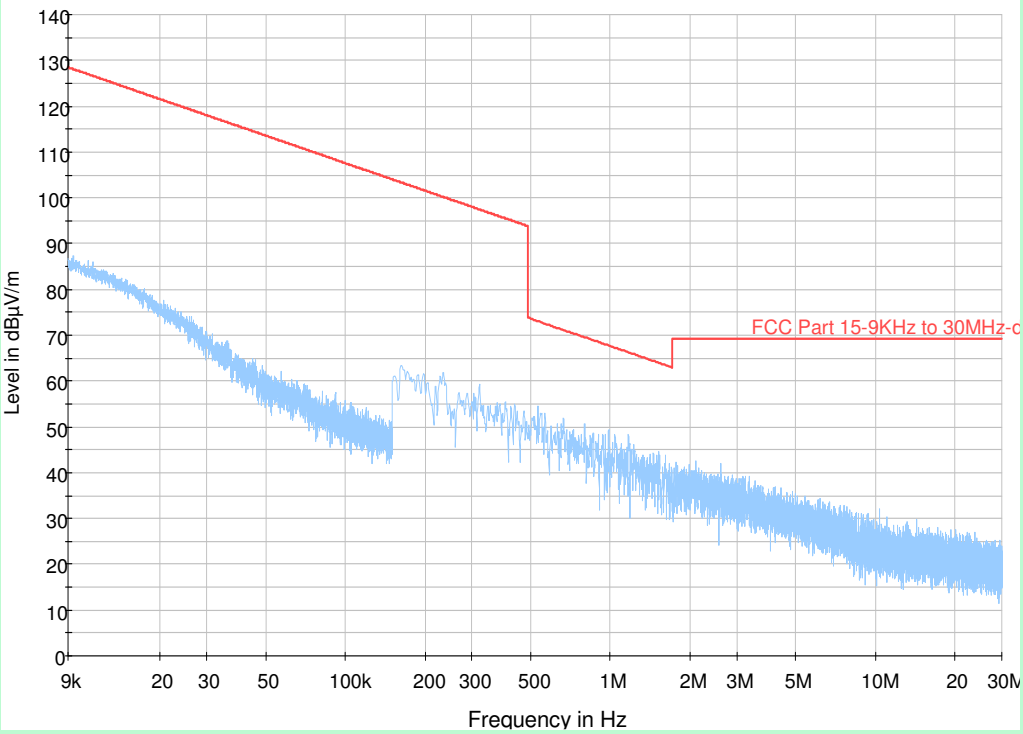
Antenna-3, Channel 4 (915.325 MHz)

Note : Peak Graph - Parallel



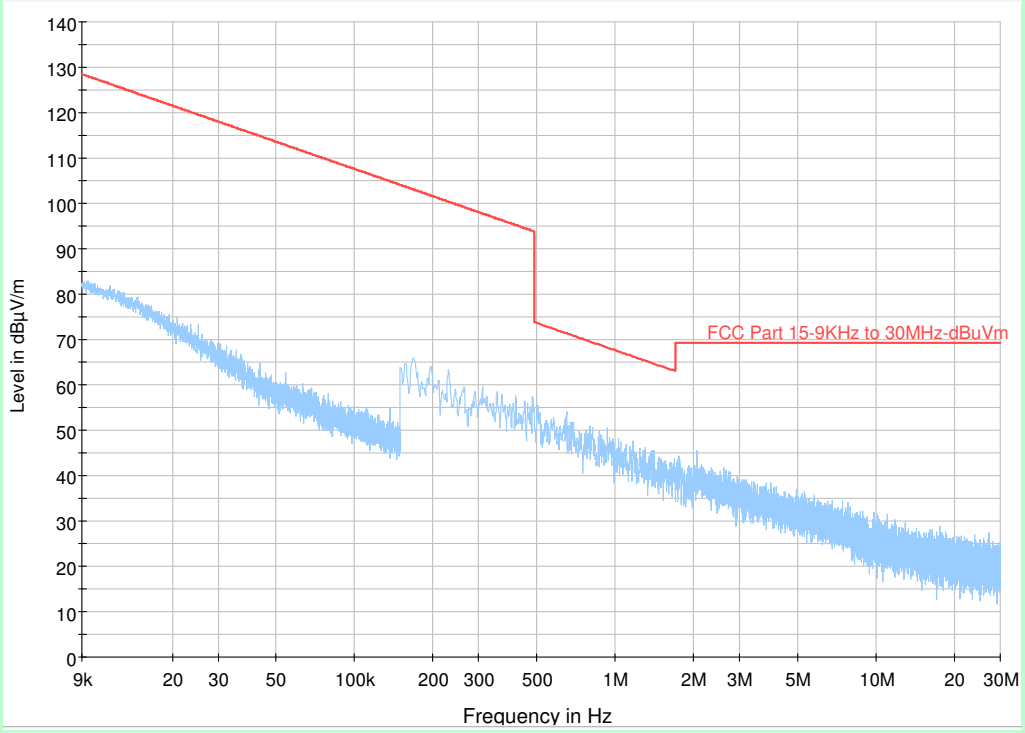
Antenna-3, Channel 4 (915.325 MHz)

Note : Peak Graph - Perpendicular



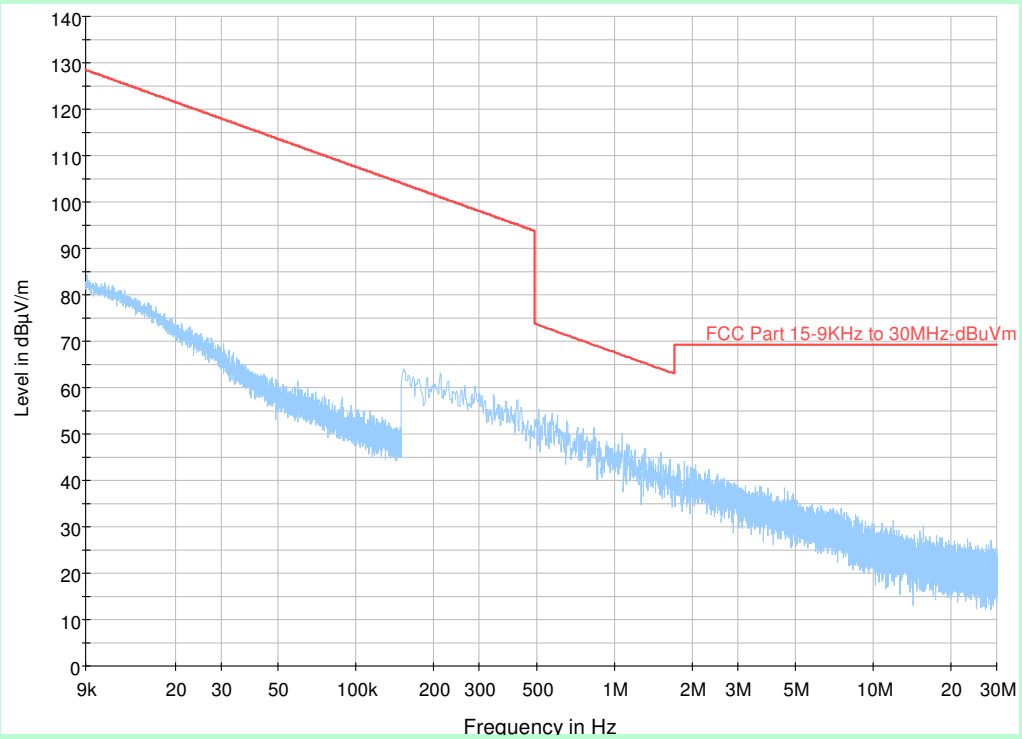
Antenna-3, Channel 5 (921.575 MHz)

Note : Peak Graph - Parallel



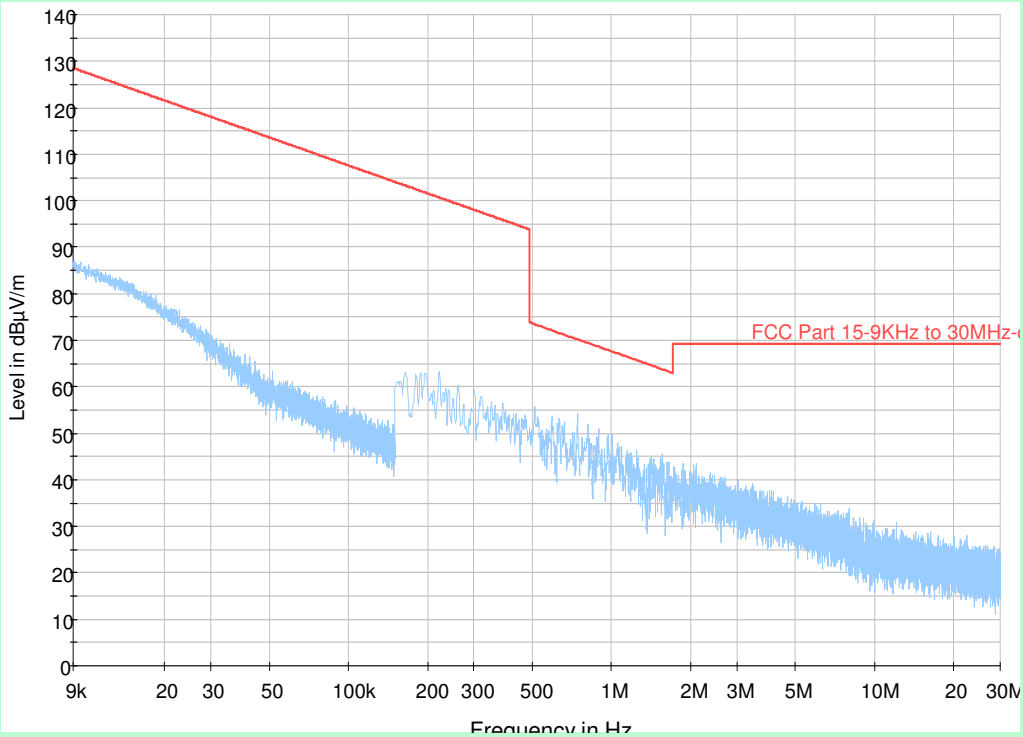
Antenna-3, Channel 5 (921.575 MHz)

Note : Peak Graph - Perpendicular



Antenna-3, Channel 6 (927.125 MHz)

Note : Peak Graph - Parallel

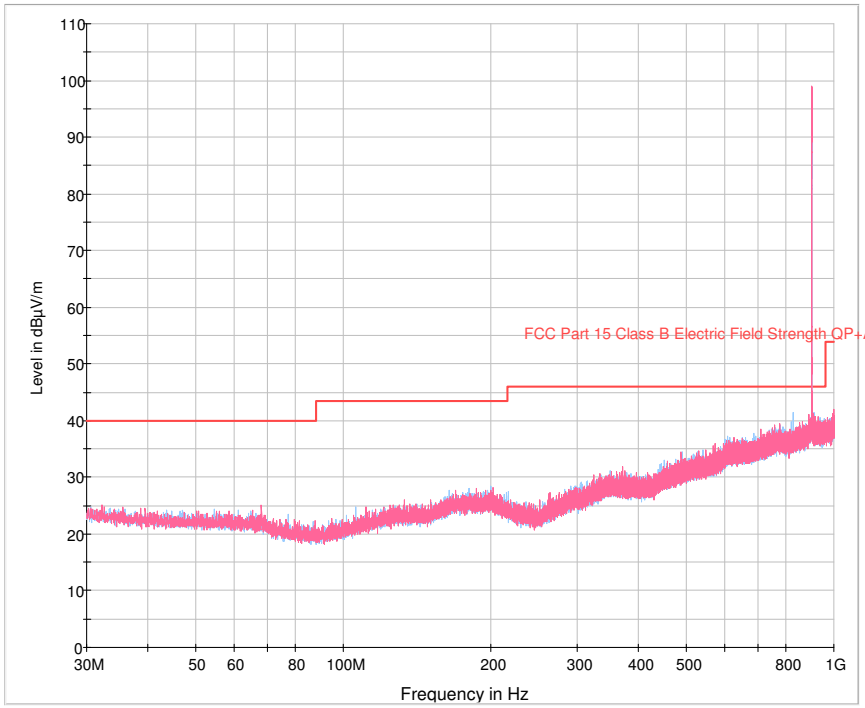


Antenna-3, Channel 6 (926.125 MHz)

Note : Peak Graph - Perpendicular

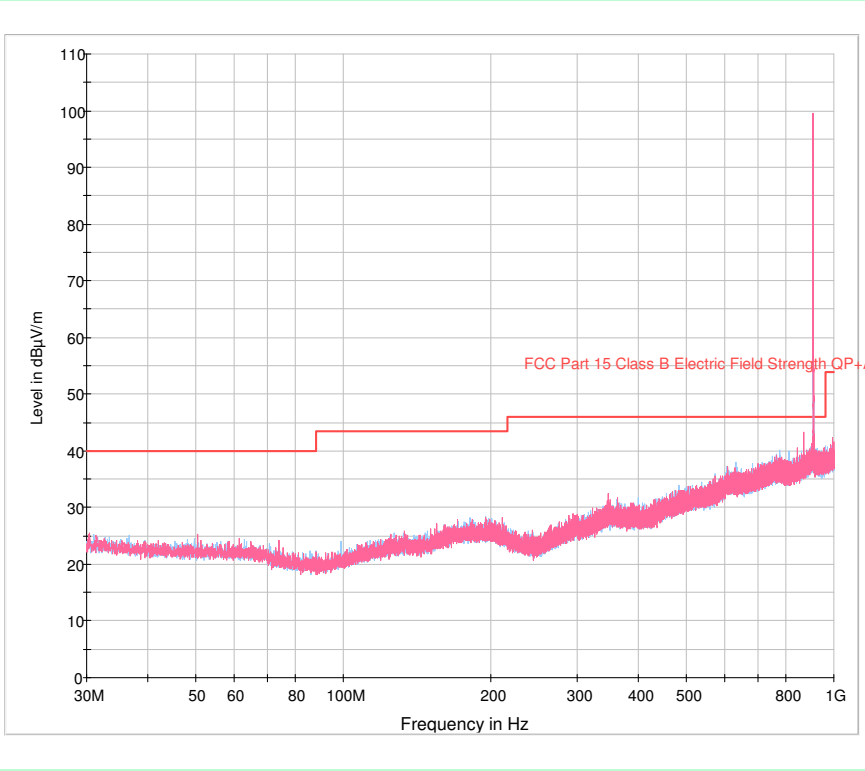
TEST RESULT – 9 KHz to 30 MHz									
Channel	Channel Frequency	Measured Spurious	Quasi Peak	Height	Ant Pol	Azimuth	Margin	Limit @ 3m Distance	Results
#	MHz	MHz	dBµV/m	cm	Parallel / Perpendicular	deg	dB	dBµV/m	
No Emissions Found									
Note : Measured Field Strength (dBuV/m) = Receiver Readings (dBuV)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

TEST GRAPHS – 30 MHz to 1 GHz



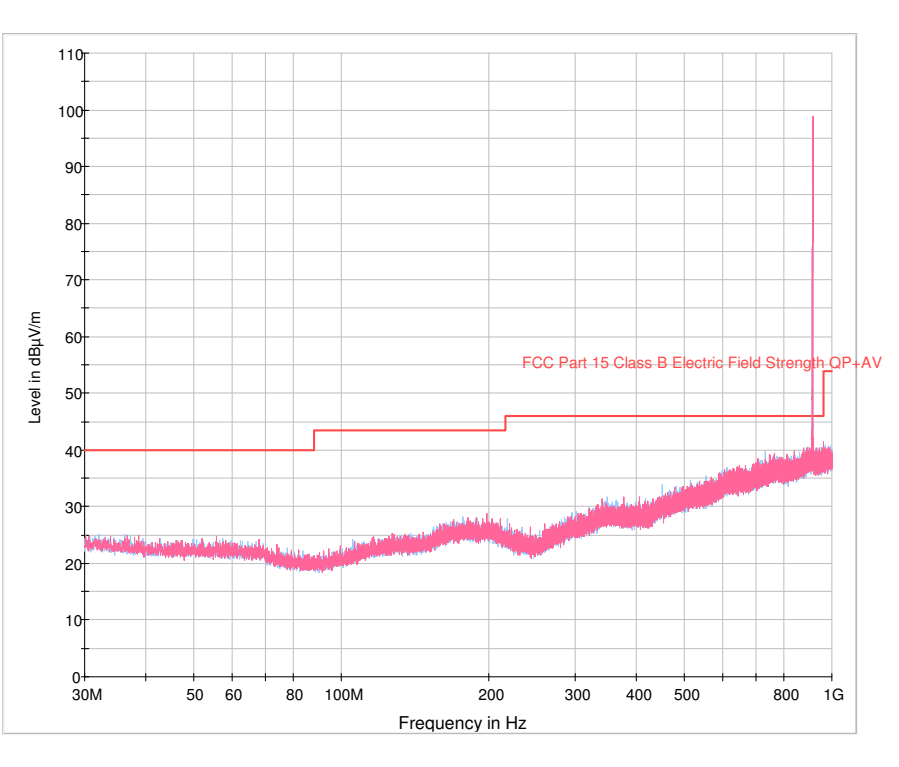
Antenna-1, Channel 1 (902.875 MHz)

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



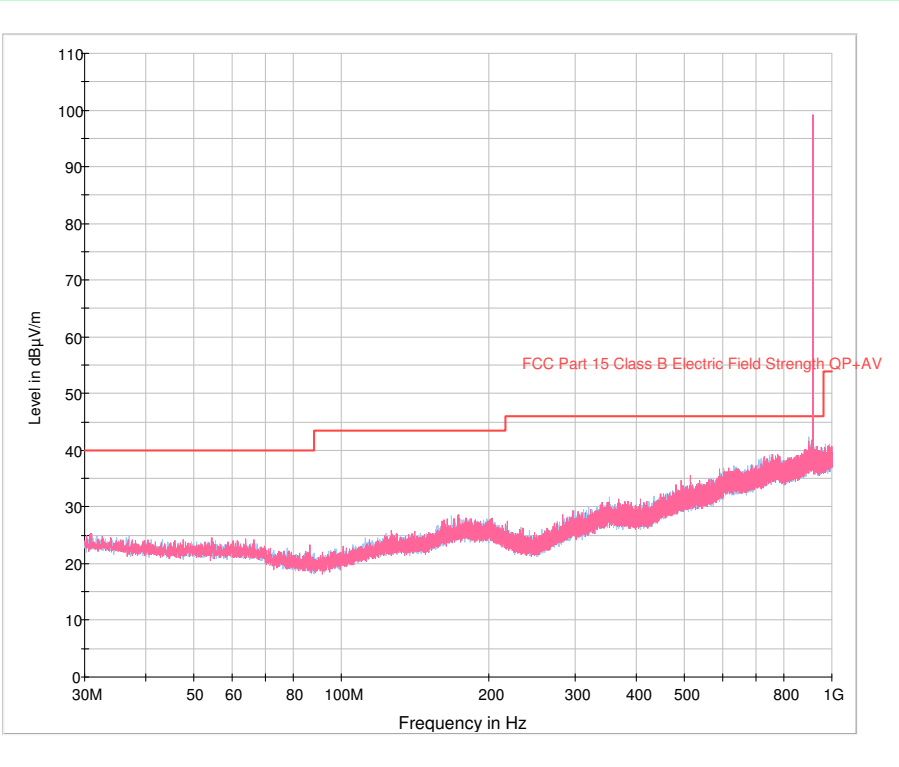
Antenna-1, Channel 2 (908.425 MHz)

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



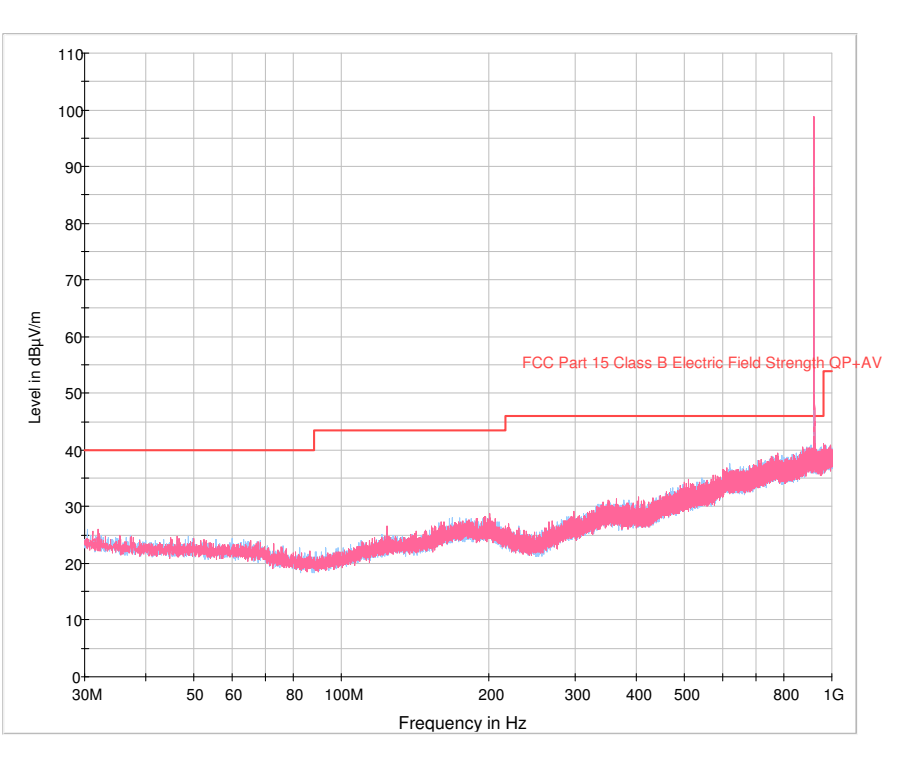
Antenna-1, Channel 3 (914.325 MHz)

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



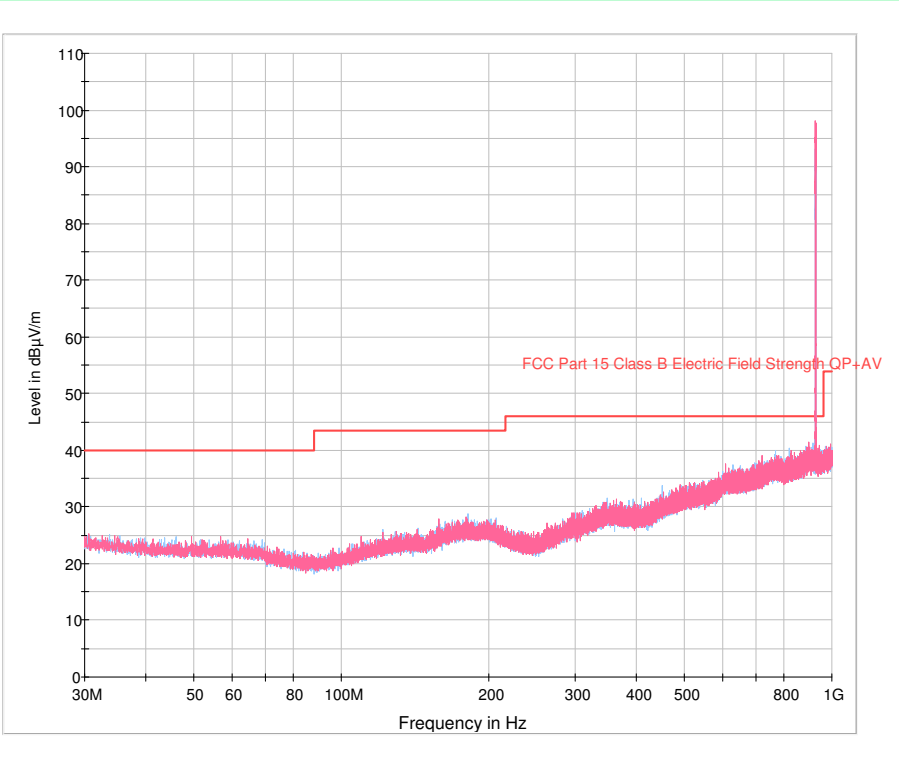
Antenna-1, Channel 4 (915.325 MHz)

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



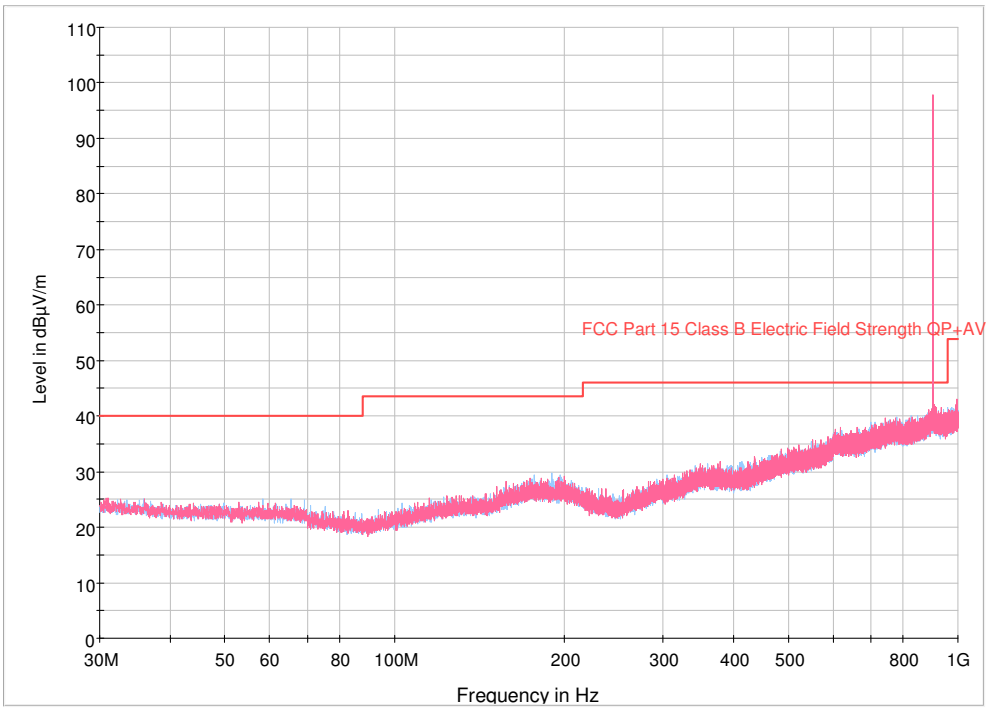
Antenna-1, Channel 5 (921.575 MHz)

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



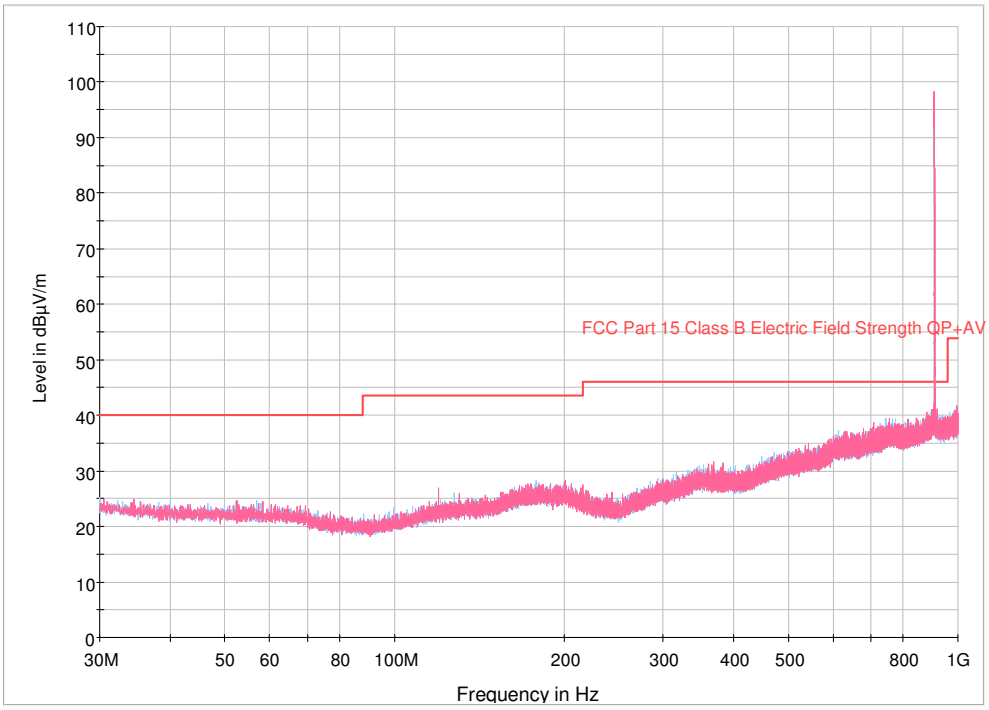
Antenna-1, Channel 6 (927.125 MHz)

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



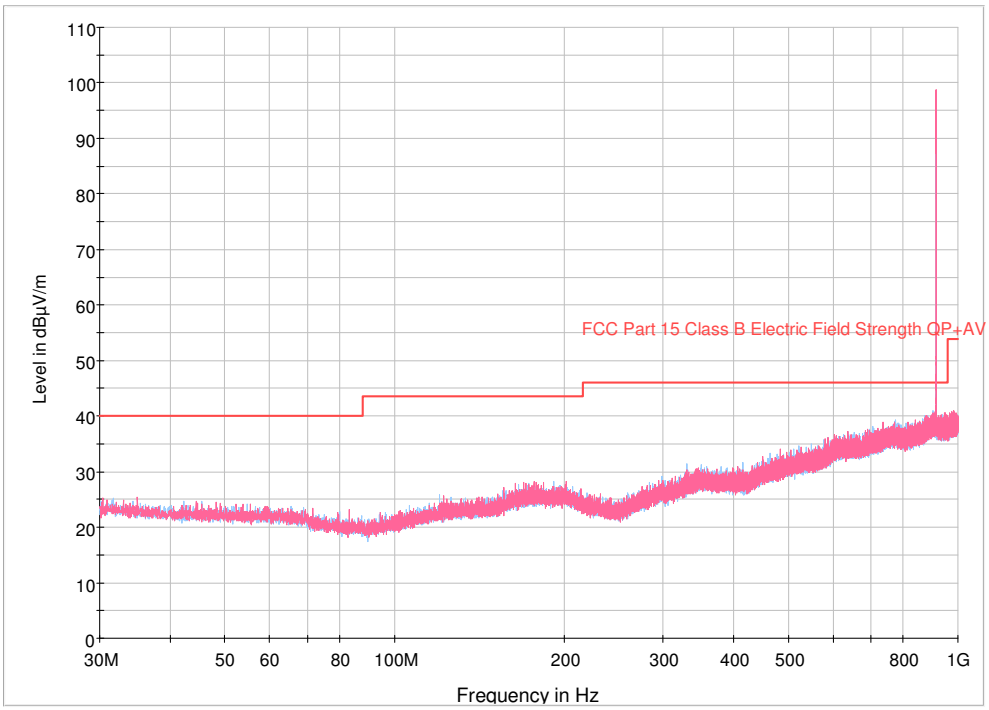
Antenna-2, Channel 1 (902.875 MHz)

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



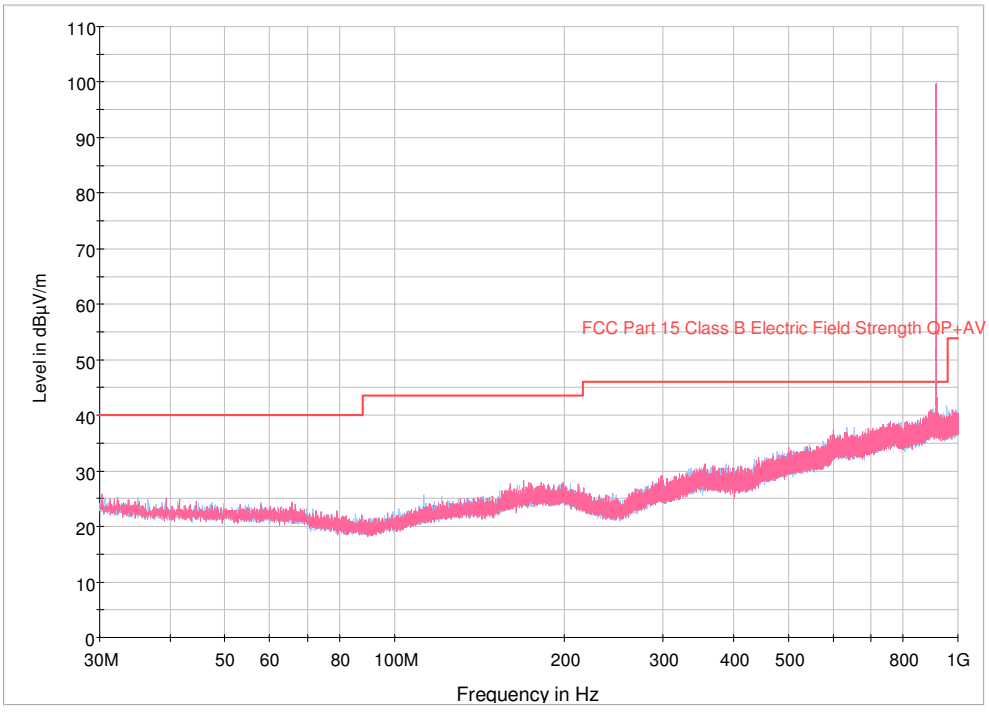
Antenna-2, Channel 2 (908.425 MHz)

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



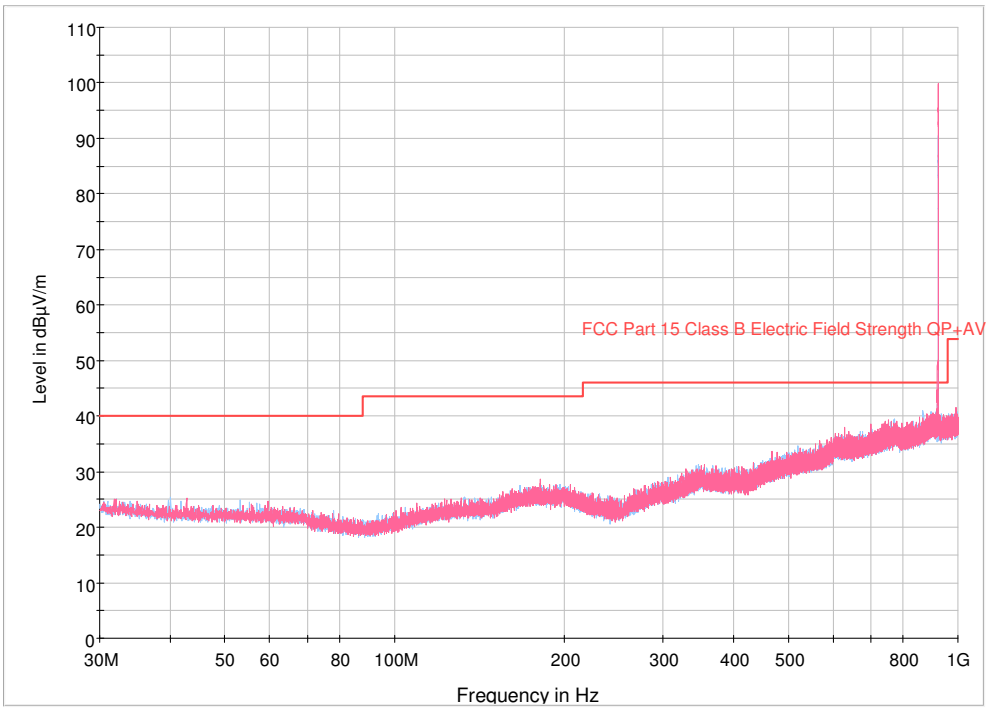
Antenna-2, Channel 3 (914.325 MHz)

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



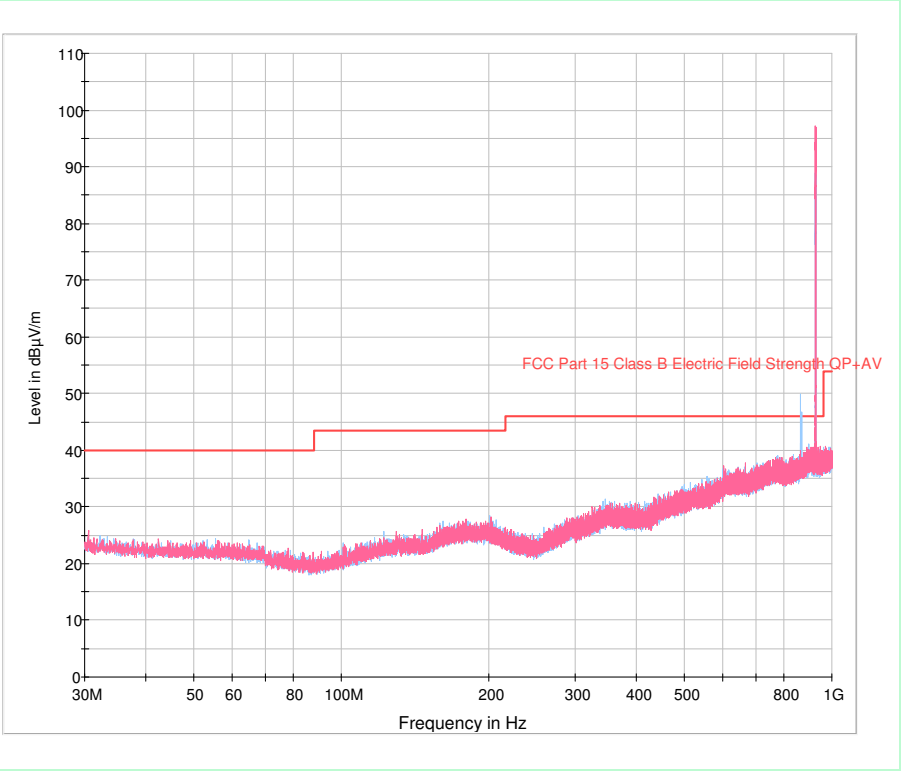
Antenna-2, Channel 4 (915.325 MHz)

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



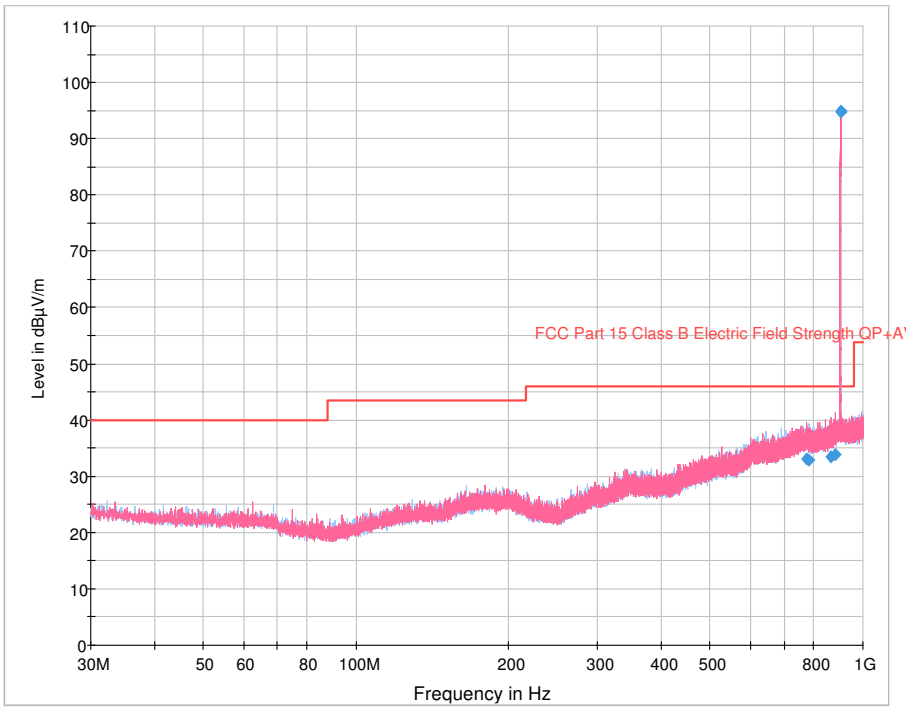
Antenna-2, Channel 5 (921.575 MHz)

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



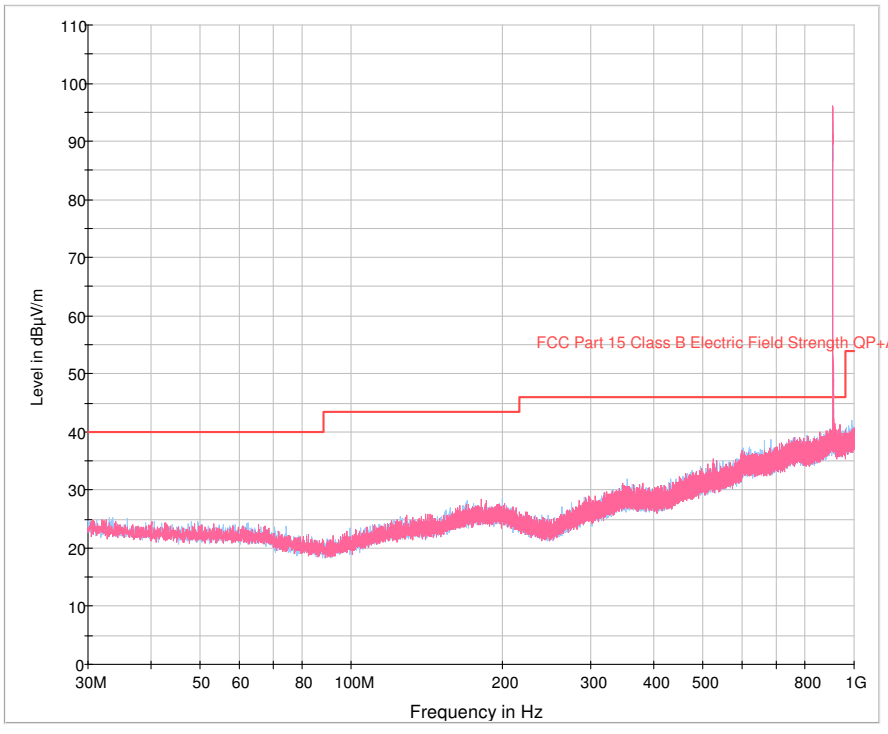
Antenna-2, Channel 6 (927.125 MHz)

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



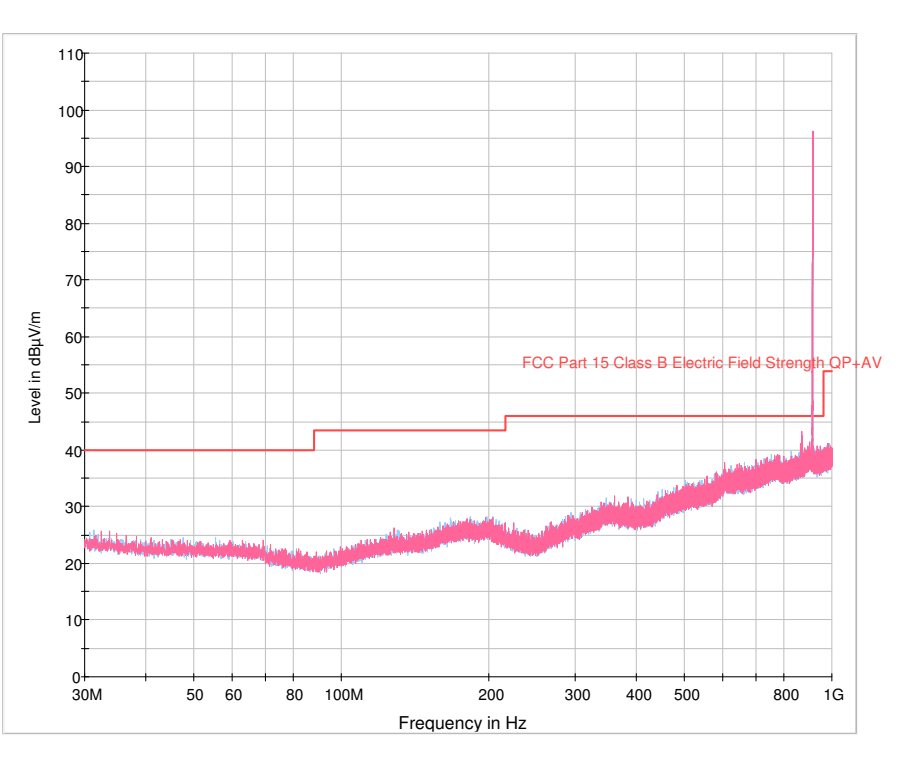
Antenna-3, Channel 1 (902.875 MHz)

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



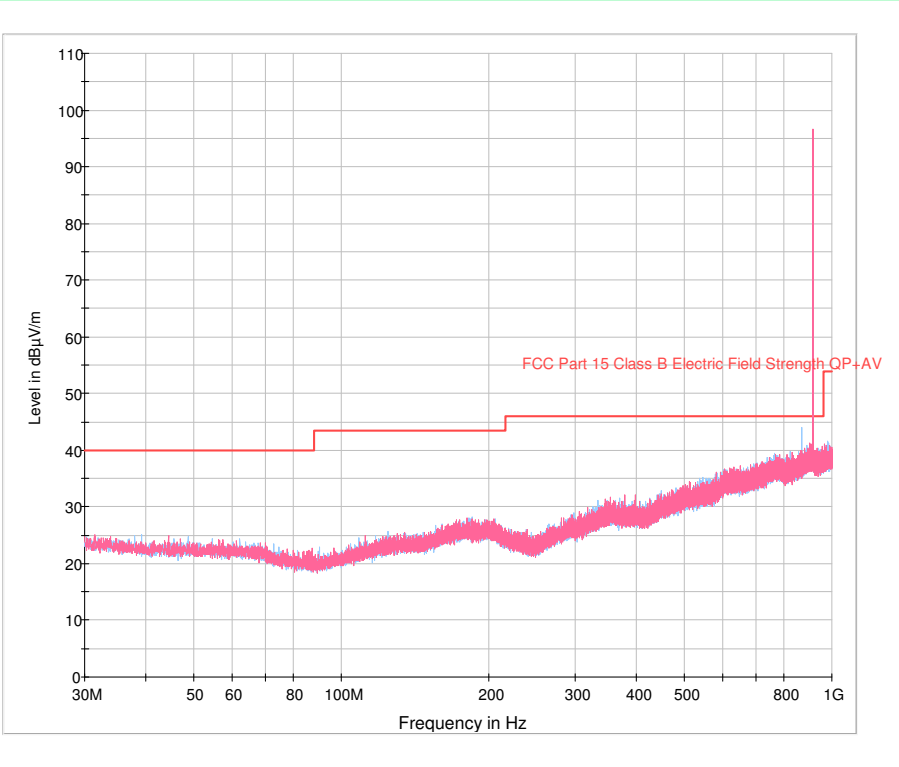
Antenna-3, Channel 2 (908.425 MHz)

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



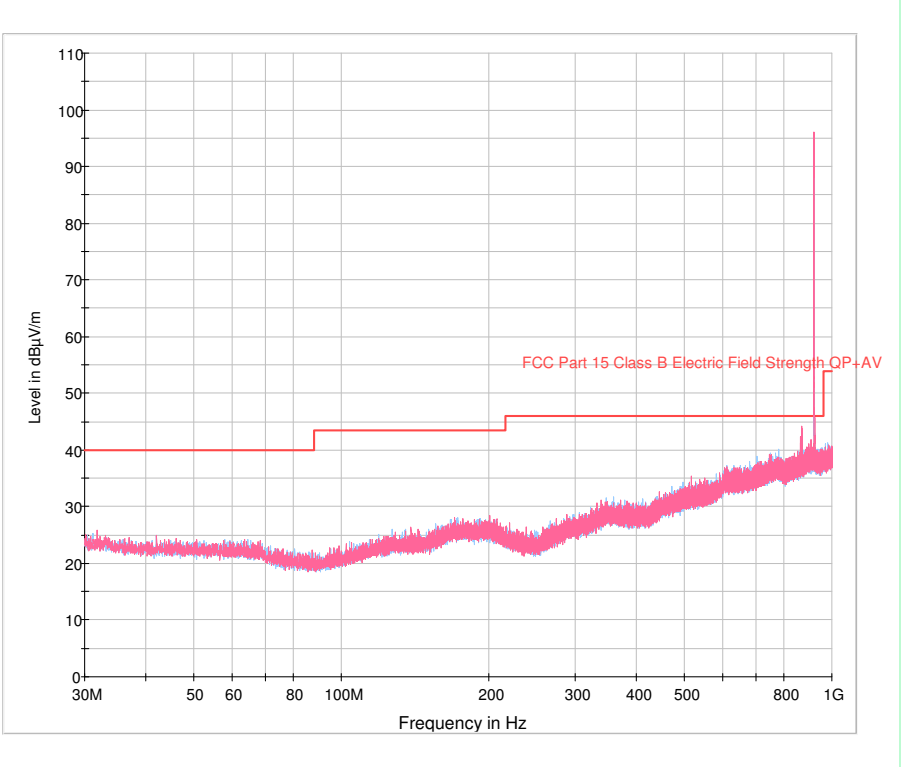
Antenna-3, Channel 3 (914.325 MHz)

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



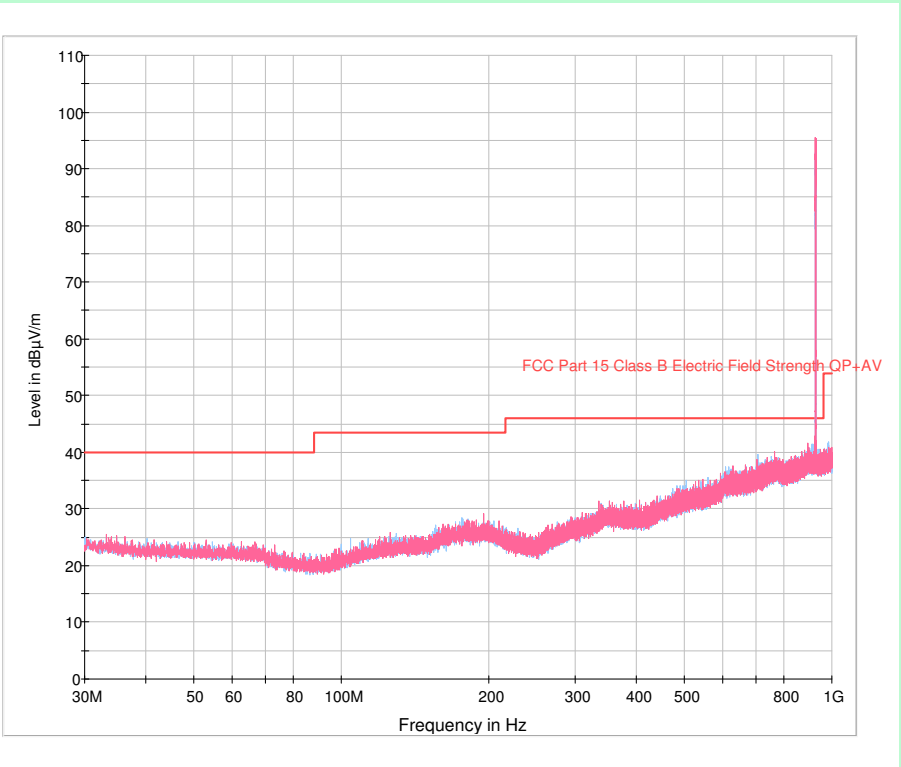
Antenna-3, Channel 4 (915.325 MHz)

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								